

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102324\
 Data File : VN084469.D
 Acq On : 23 Oct 2024 13:26
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Oct 24 04:04:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:22:28 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2024
 Supervised By :Mahesh Dadoda 10/24/2024

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

Internal Standards						
1) Bromochloromethane	7.812	128	34138	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	175440	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	166908	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	83115	30.241	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.800%	
60) 4-Bromofluorobenzene	12.847	95	84319	30.609	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 102.033%	
63) Toluene-d8	10.565	98	243331	31.470	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 104.900%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	37255	17.874	ug/l	92
3) Chloromethane	2.365	50	41398	17.454	ug/l	99
4) Vinyl Chloride	2.512	62	42149	18.121	ug/l	99
5) Bromomethane	2.965	94	26716	17.336	ug/l	99
6) Chloroethane	3.124	64	27644	18.129	ug/l	94
7) Trichlorofluoromethane	3.501	101	71436	18.855	ug/l	96
8) Diethyl Ether	3.959	74	22048	15.829	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	41346	19.409	ug/l	98
10) 1,1-Dichloroethene	4.336	96	37150	17.477	ug/l	87
11) Methyl Iodide	4.589	142	47067	16.850	ug/l	95
12) Methyl Acetate	5.030	43	49154	18.472	ug/l	100
13) Acrolein	4.183	56	27443	55.516	ug/l	99
14) Acrylonitrile	5.724	53	98418	82.322	ug/l	99
15) Acetone	4.430	58	32398	94.865	ug/l	94
16) Carbon Disulfide	4.712	76	105376	16.648	ug/l	99
17) Allyl chloride	5.030	41	54481	15.811	ug/l	97
18) Methylene Chloride	5.277	84	44931	18.764	ug/l	97
19) trans-1,2-Dichloroethene	5.794	96	39500	17.558	ug/l	91
20) Diisopropyl ether	6.671	45	138664	18.717	ug/l #	97
21) 1,1-Dichloroethane	6.571	63	79550	18.713	ug/l	97
22) cis-1,2-Dichloroethene	7.488	96	47830	18.271	ug/l	98
23) tert-Butyl Alcohol	5.524	59	34588	75.425	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	121896	17.160	ug/l	97
25) Chloroform	7.965	83	84407	19.605	ug/l	96
26) Cyclohexane	8.259	56	58297	16.397	ug/l #	93
29) 1,1-Dichloropropene	8.371	75	54218	18.826	ug/l	97
30) 2-Butanone	7.483	43	137392	89.602	ug/l	100
31) 2,2-Dichloropropane	7.494	77	69693	20.593	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	73706	20.022	ug/l	98
33) Carbon Tetrachloride	8.359	117	64520	20.231	ug/l	96
34) Benzene	8.606	78	180734	20.048	ug/l	99
35) Methacrylonitrile	7.783	41	30271	18.505	ug/l	96
36) 1,2-Dichloroethane	8.671	62	60289	20.063	ug/l	98
37) Trichloroethene	9.353	130	40374	19.449	ug/l	99
38) Methylcyclohexane	9.600	83	54803	17.324	ug/l	99
39) 1,2-Dichloropropane	9.618	63	44518	20.250	ug/l	98
40) Dibromomethane	9.706	93	31515	20.511	ug/l	97
41) Bromodichloromethane	9.888	83	67492	20.692	ug/l	95
42) Vinyl Acetate	6.606	43	435550	81.672	ug/l	99

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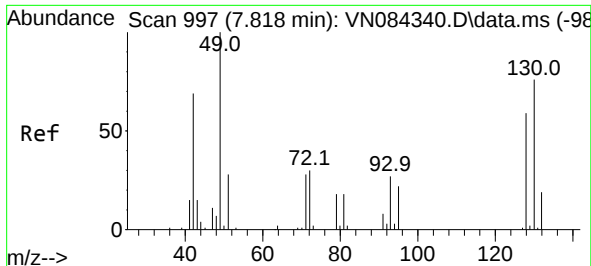
Manual Integrations
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 Supervised By :Mahesh Dadoda 10/24/2024

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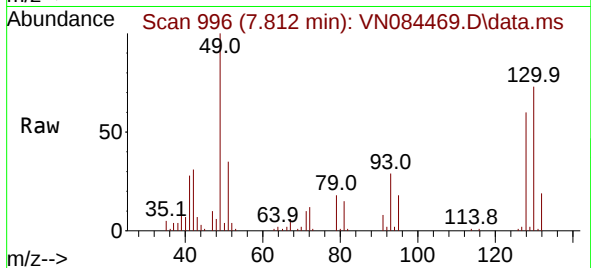
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43) Ethyl Acetate	7.565	43	54041	17.870	ug/l	98
44) Isopropyl Acetate	8.688	43	88405	17.861	ug/l	99
45) 1,4-Dioxane	9.688	88	16447	368.605	ug/l	96
46) Methyl methacrylate	9.682	41	41083	17.179	ug/l	94
47) n-amyl Acetate	12.494	43	77378	17.575	ug/l	97
48) t-1,3-Dichloropropene	10.835	75	61764	18.324	ug/l	97
49) cis-1,3-Dichloropropene	10.312	75	67468	19.099	ug/l	95
50) 1,1,2-Trichloroethane	11.018	97	42922	20.783	ug/l	98
51) Ethyl methacrylate	10.871	69	59699	17.501	ug/l	96
52) 1,3-Dichloropropane	11.165	76	71481	19.795	ug/l	98
53) Dibromochloromethane	11.359	129	49210	20.171	ug/l	97
54) 1,2-Dibromoethane	11.465	107	41272	19.415	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	157274	101.652	ug/l	98
56) Bromoform	12.576	173	31876	19.700	ug/l	98
58) 4-Methyl-2-Pentanone	10.447	43	277527	89.259	ug/l	99
59) 2-Hexanone	11.194	43	204406	88.472	ug/l	98
61) Tetrachloroethene	11.100	164	37616	19.924	ug/l	97
62) Toluene	10.629	91	191153	19.563	ug/l	100
64) Chlorobenzene	11.888	112	115407	18.980	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	43197	20.449	ug/l	98
66) Ethyl Benzene	11.965	91	198241	18.674	ug/l	98
67) m/p-Xylenes	12.071	106	155839	38.697	ug/l	99
68) o-Xylene	12.400	106	72636	18.712	ug/l	99
69) Styrene	12.412	104	126935	19.049	ug/l	99
70) Isopropylbenzene	12.694	105	183946	18.562	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	59990	19.569	ug/l	98
72) 1,2,3-Trichloropropane	12.988	75	48710m	18.553	ug/l	
73) Bromobenzene	12.982	156	45610	19.005	ug/l	98
74) n-propylbenzene	13.035	91	224542	19.015	ug/l	100
75) 2-Chlorotoluene	13.123	91	138485	18.872	ug/l	98
76) 1,3,5-Trimethylbenzene	13.170	105	160452	19.230	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	19182	17.098	ug/l	96
78) 4-Chlorotoluene	13.218	91	143904	19.289	ug/l	99
79) tert-butylbenzene	13.435	119	131827	18.519	ug/l	100
80) 1,2,4-Trimethylbenzene	13.482	105	161851	19.118	ug/l	99
81) sec-Butylbenzene	13.617	105	184458	18.822	ug/l	100
82) p-Isopropyltoluene	13.729	119	151922	18.417	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	87202	19.541	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	83778	18.906	ug/l	98
85) n-Butylbenzene	14.059	91	120971	16.932	ug/l	100
86) Hexachloroethane	14.335	117	30310	19.072	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	83265	19.299	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	10457	16.680	ug/l	100
89) 1,2,4-Trichlorobenzene	15.835	180	36031	16.062	ug/l	99
90) Hexachlorobutadiene	15.500	225	17891	17.240	ug/l	98
91) Naphthalene	15.641	128	104973	13.809	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	36031	16.062	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

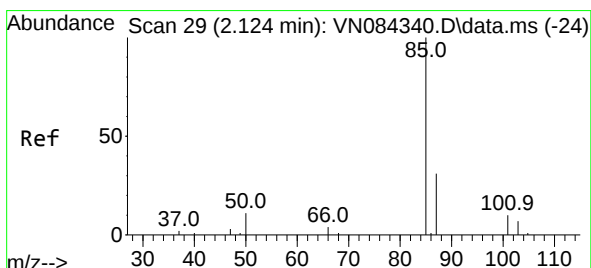
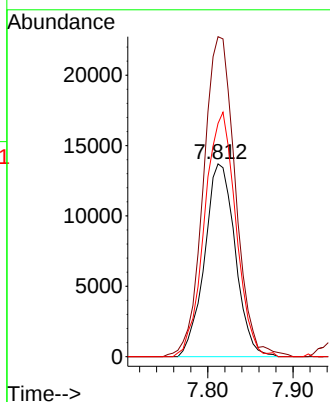
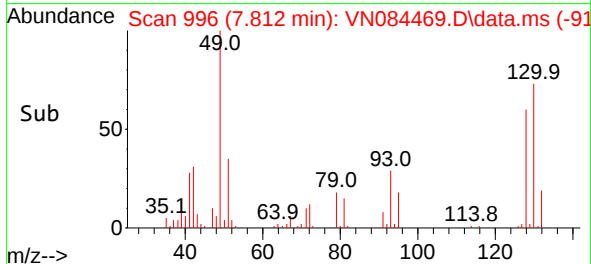
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 34138
Ion Ratio Lower Upper
128 100
49 171.1 0.0 430.0
130 129.6 0.0 329.8

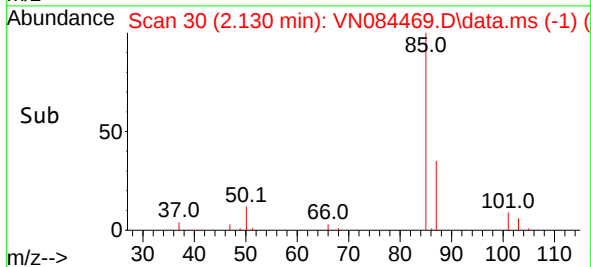
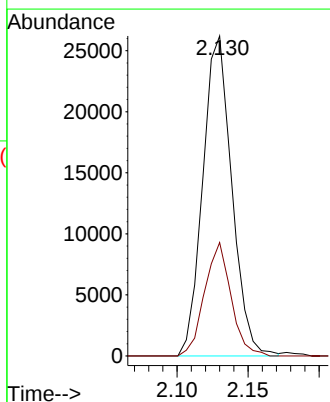
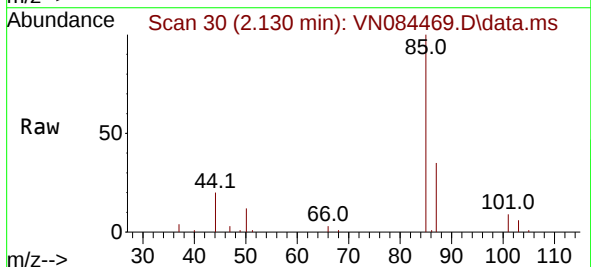
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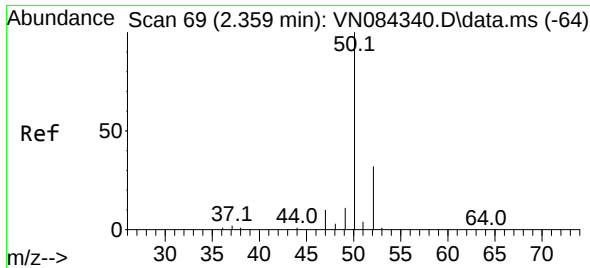
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#2
Dichlorodifluoromethane
Concen: 17.874 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

Tgt Ion: 85 Resp: 37255
Ion Ratio Lower Upper
85 100
87 35.5 15.4 46.4





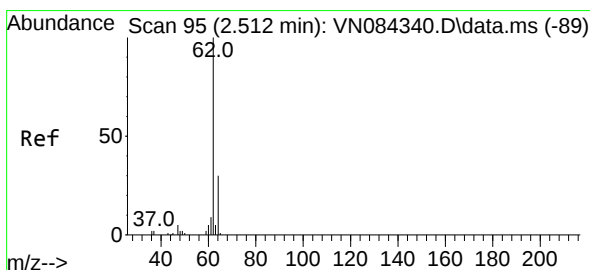
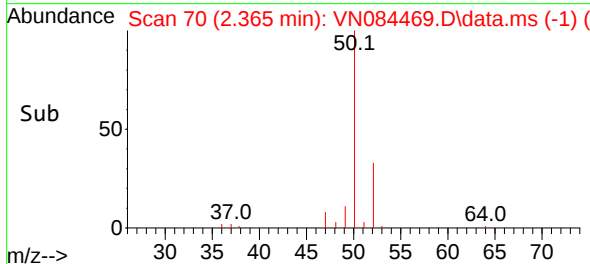
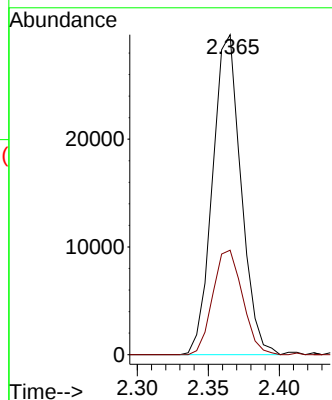
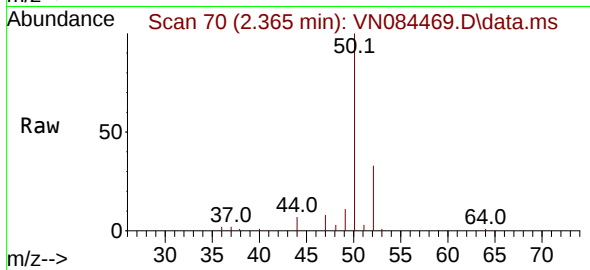
#3
Chloromethane
Concen: 17.454 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 50 Resp: 41398
Ion Ratio Lower Upper
50 100
52 32.6 25.8 38.6

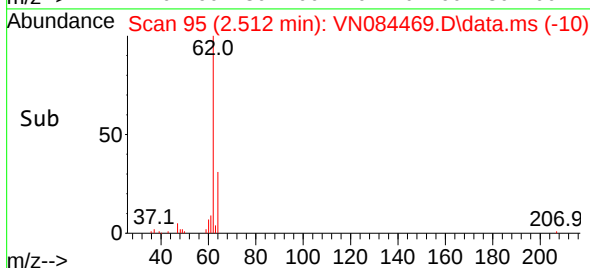
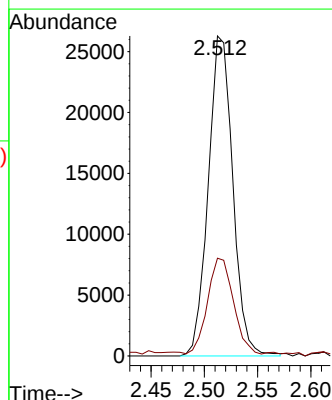
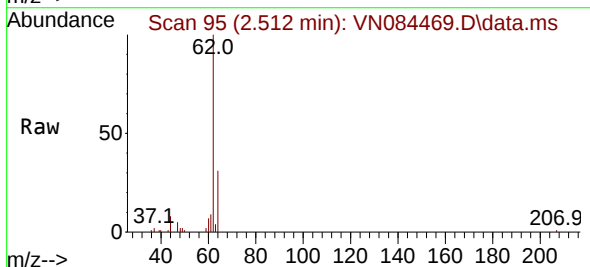
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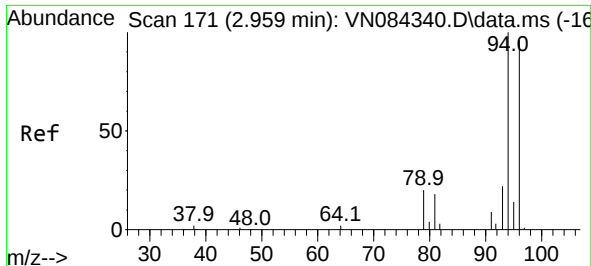
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#4
Vinyl Chloride
Concen: 18.121 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

Tgt Ion: 62 Resp: 42149
Ion Ratio Lower Upper
62 100
64 29.9 24.3 36.5





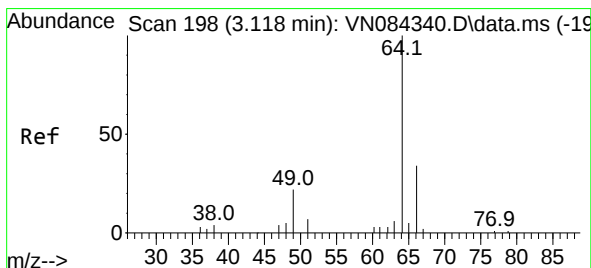
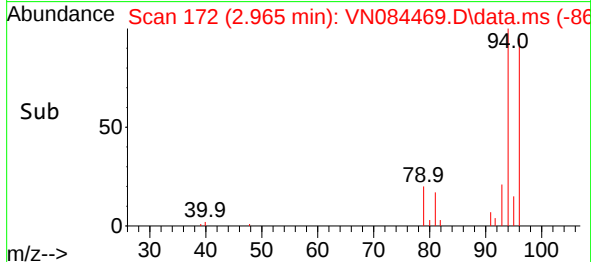
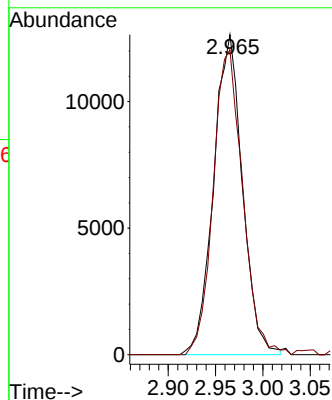
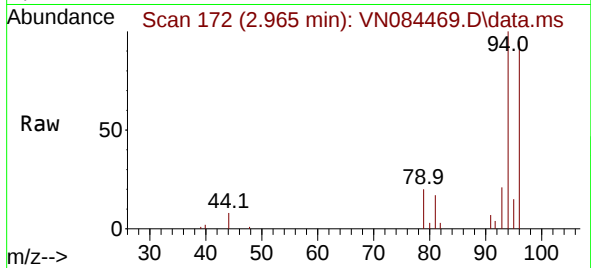
#5
Bromomethane
Concen: 17.336 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 94 Resp: 26710
Ion Ratio Lower Upper
94 100
96 95.3 76.7 115.1

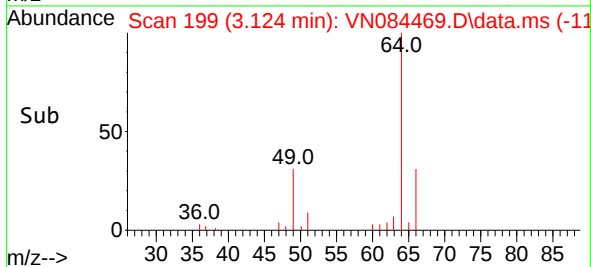
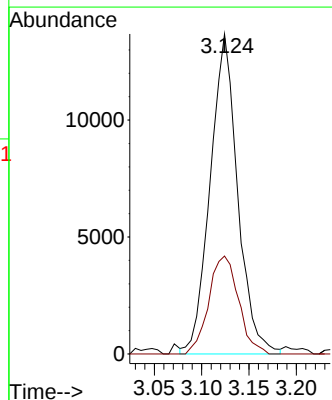
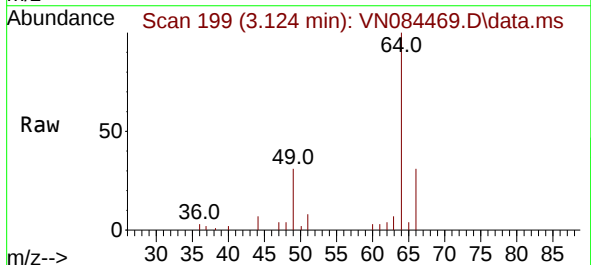
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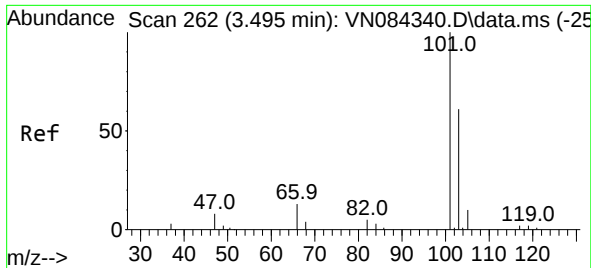
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#6
Chloroethane
Concen: 18.129 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

Tgt Ion: 64 Resp: 27644
Ion Ratio Lower Upper
64 100
66 31.1 27.7 41.5





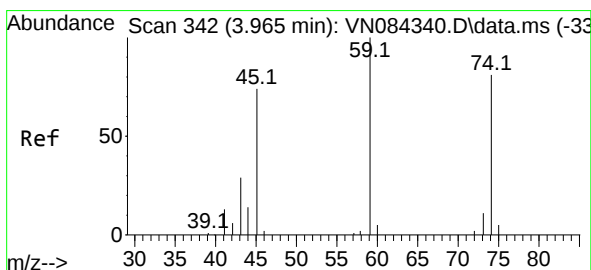
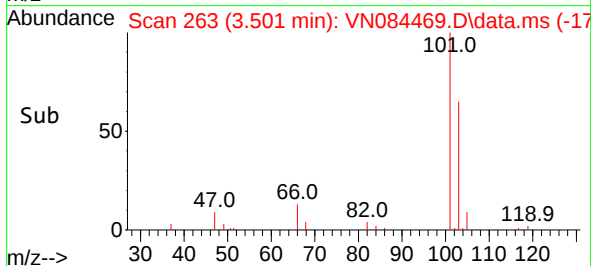
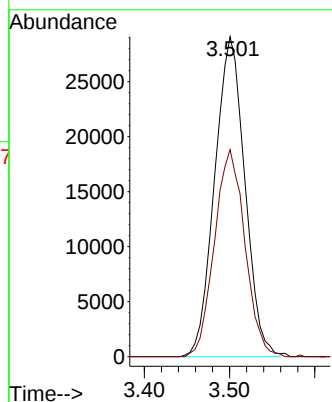
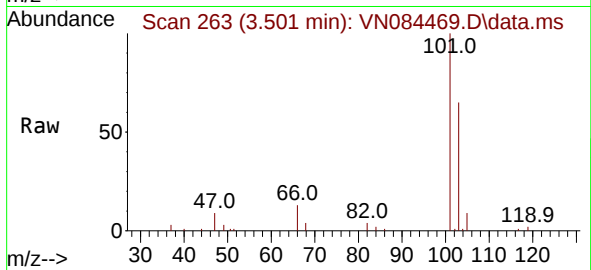
#7
Trichlorofluoromethane
Concen: 18.855 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

Instrument :
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Tgt Ion:101 Resp: 71436
Ion Ratio Lower Upper
101 100
103 64.7 49.0 73.6

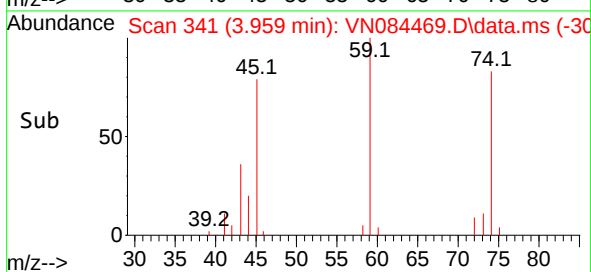
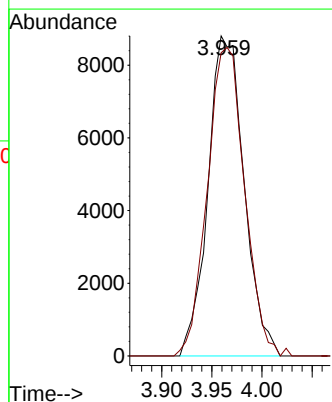
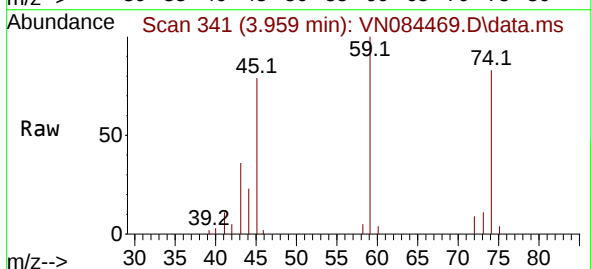
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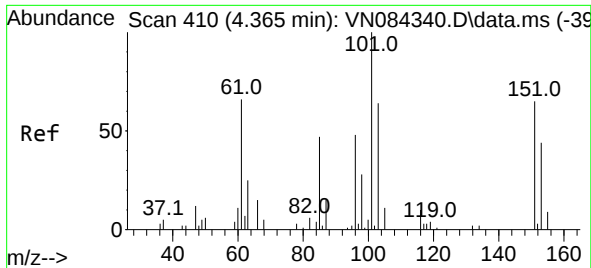
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#8
Diethyl Ether
Concen: 15.829 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

Tgt Ion: 74 Resp: 22048
Ion Ratio Lower Upper
74 100
45 99.1 19.2 173.2





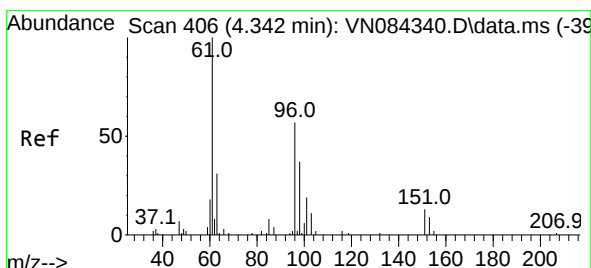
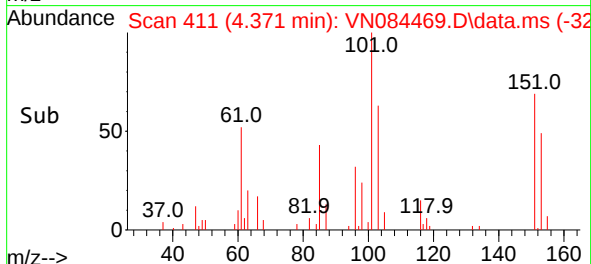
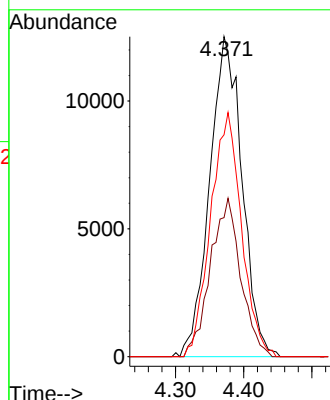
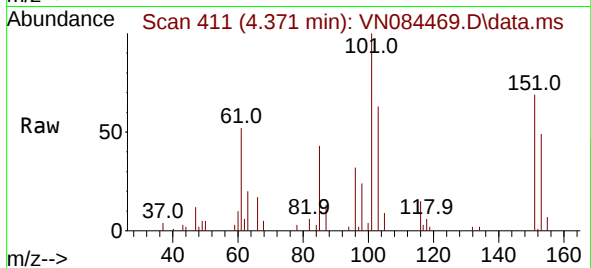
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.409 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

Instrument :
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ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 41340
Ion Ratio Lower Upper
101 100
85 46.5 0.0 93.6
151 72.8 0.0 151.8

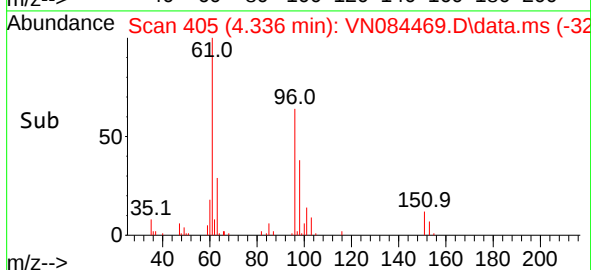
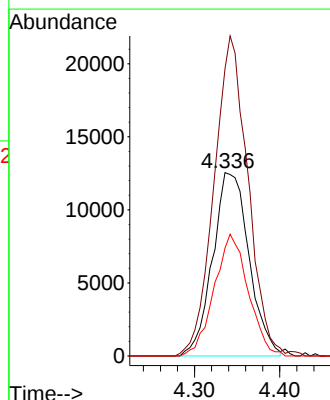
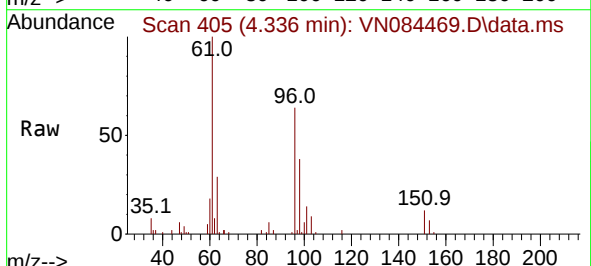
Manual Integrations
APPROVED

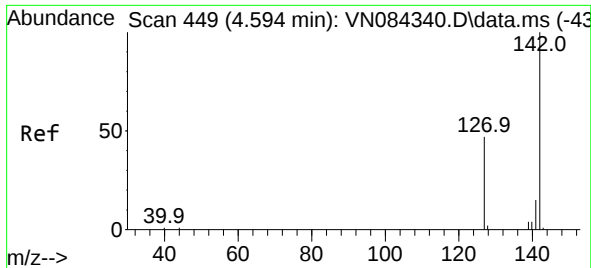
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#10
1,1-Dichloroethene
Concen: 17.477 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

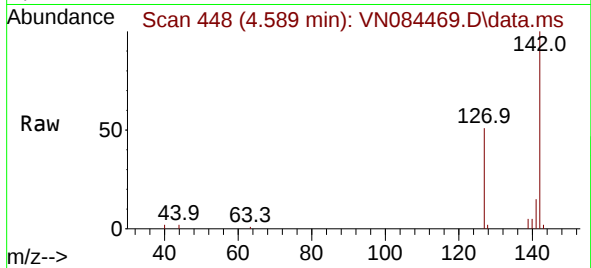
Tgt Ion: 96 Resp: 37150
Ion Ratio Lower Upper
96 100
61 155.2 140.8 211.2
98 58.8 52.2 78.2





#11
Methyl Iodide
Concen: 16.850 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

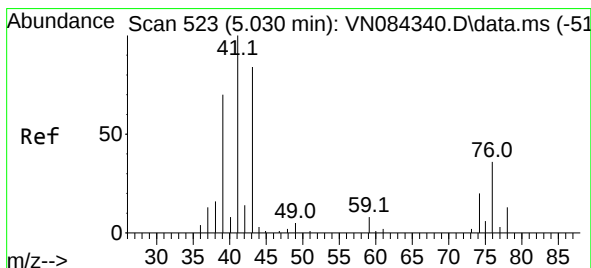
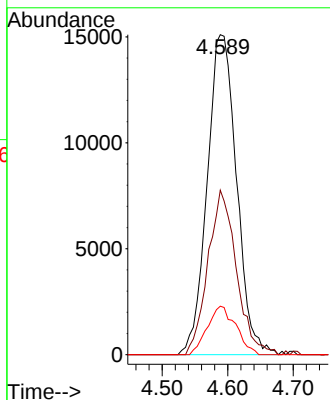
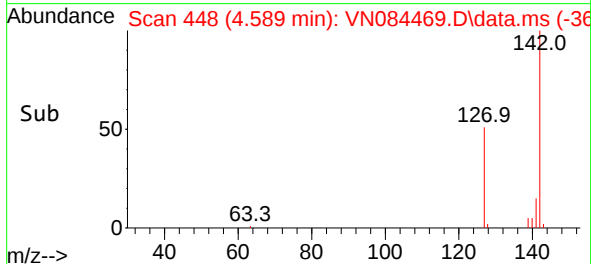
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:142 Resp: 4706
Ion Ratio Lower Upper
142 100
127 51.4 23.8 71.4
141 15.2 7.4 22.2

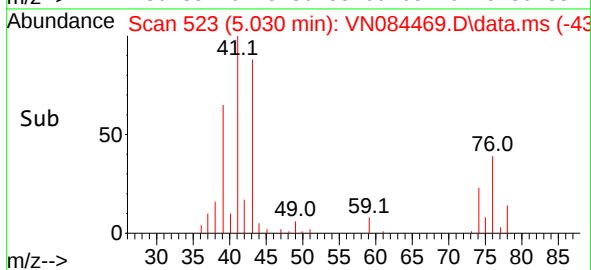
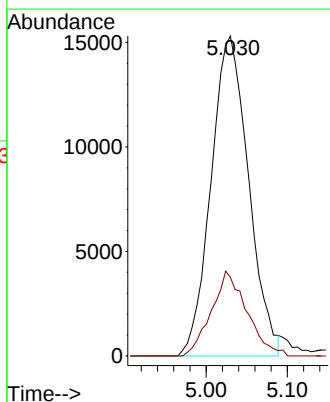
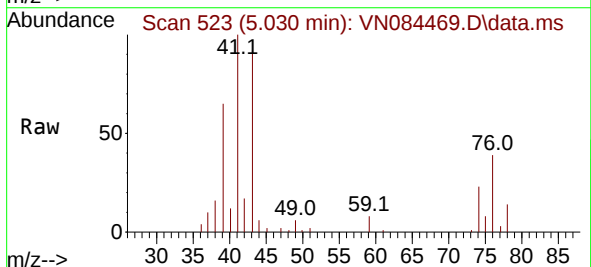
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#12
Methyl Acetate
Concen: 18.472 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

Tgt Ion: 43 Resp: 49154
Ion Ratio Lower Upper
43 100
74 24.5 19.4 29.2





#13

Acrolein

Concen: 55.516 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN084469.D

Acq: 23 Oct 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 56 Resp: 2744

Ion Ratio Lower Upper

56 100

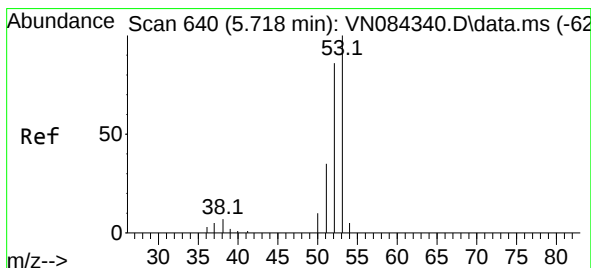
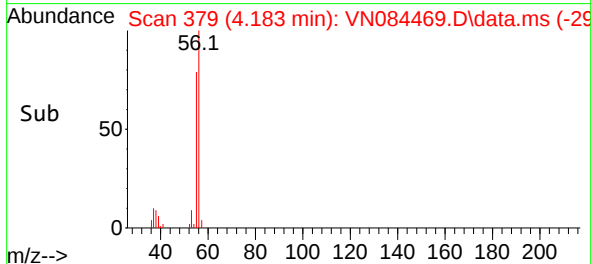
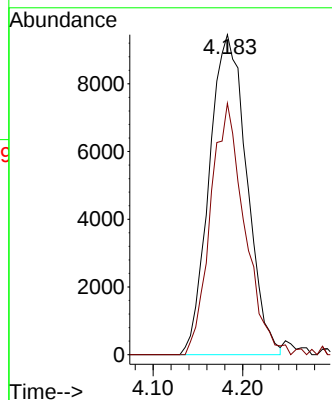
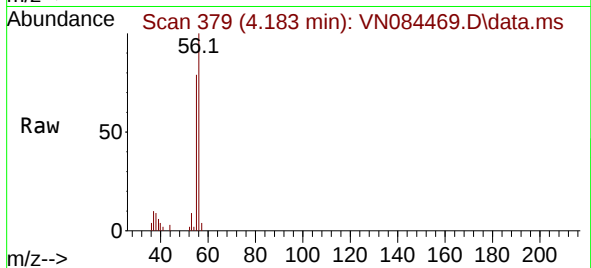
55 71.0 56.4 84.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2024

Supervised By :Mahesh Dadoda 10/24/2024



#14

Acrylonitrile

Concen: 82.322 ug/l

RT: 5.724 min Scan# 641

Delta R.T. 0.006 min

Lab File: VN084469.D

Acq: 23 Oct 2024 13:26

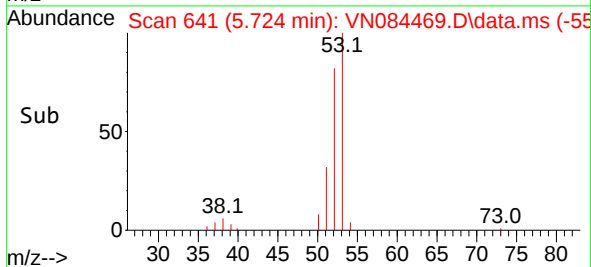
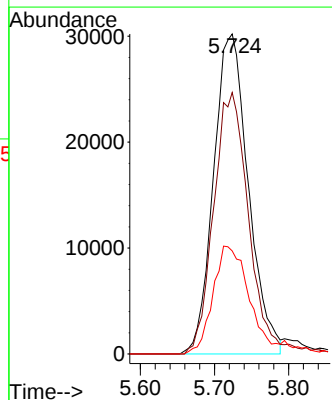
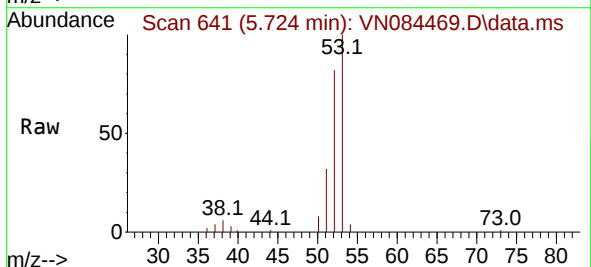
Tgt Ion: 53 Resp: 98418

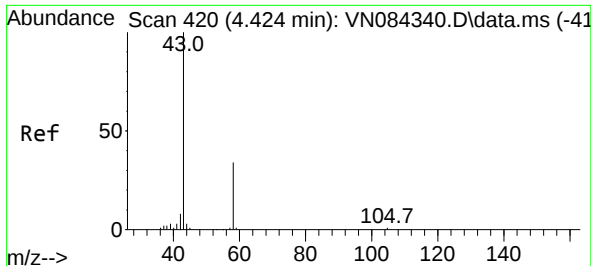
Ion Ratio Lower Upper

53 100

52 81.2 40.4 121.2

51 34.4 17.8 53.4





#15

Acetone

Concen: 94.865 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN084469.D

Acq: 23 Oct 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 58 Resp: 32398

Ion Ratio Lower Upper

58 100

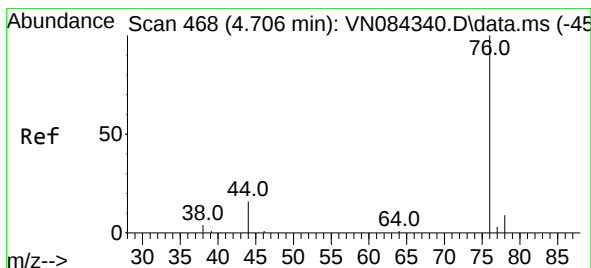
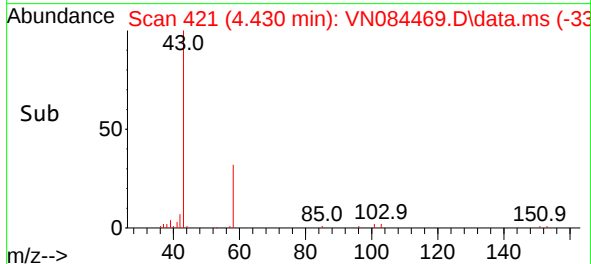
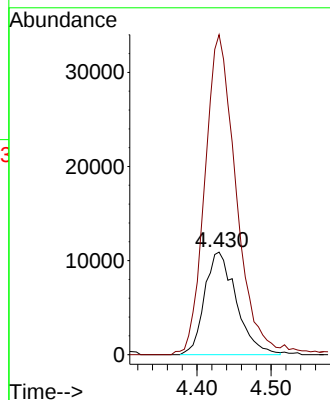
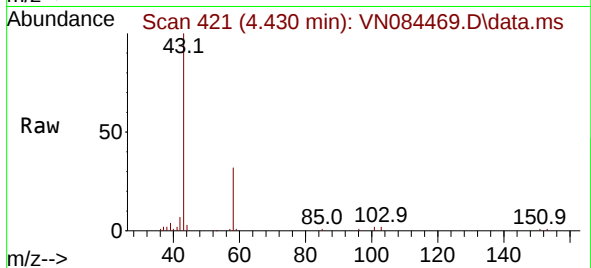
43 308.8 237.5 356.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2024

Supervised By :Mahesh Dadoda 10/24/2024



#16

Carbon Disulfide

Concen: 16.648 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.006 min

Lab File: VN084469.D

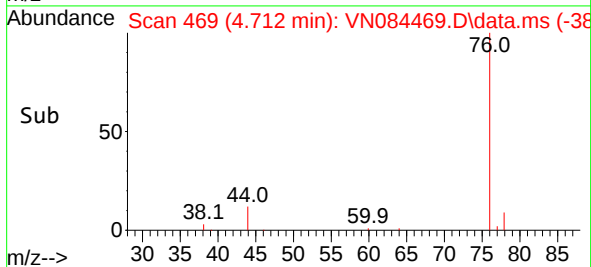
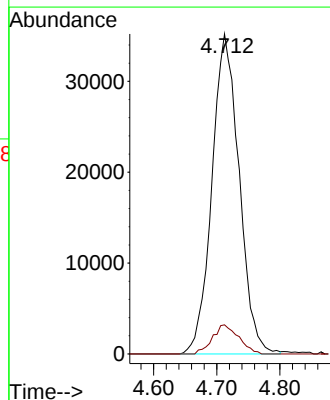
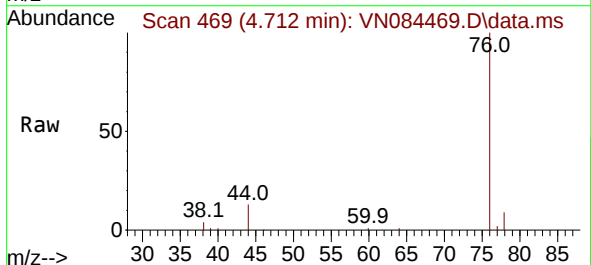
Acq: 23 Oct 2024 13:26

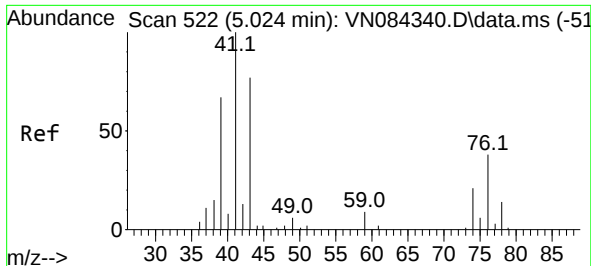
Tgt Ion: 76 Resp: 105376

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7





#17
 Allyl chloride
 Concen: 15.811 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN084469.D
 Acq: 23 Oct 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

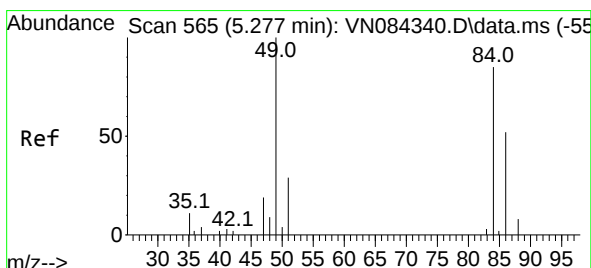
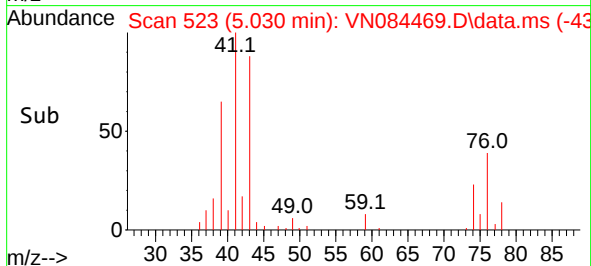
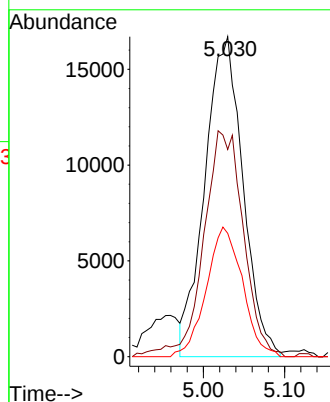
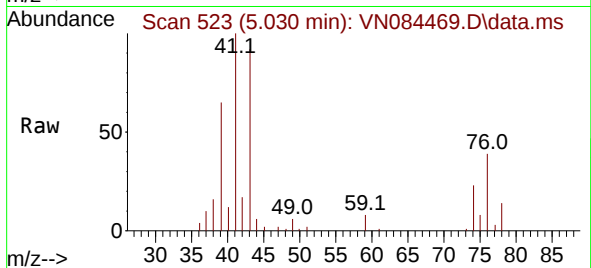
VSTDCCC020

Tgt Ion: 41 Resp: 5448
 Ion Ratio Lower Upper
 41 100
 39 64.1 31.4 94.3
 76 39.1 17.8 53.5

Manual Integrations

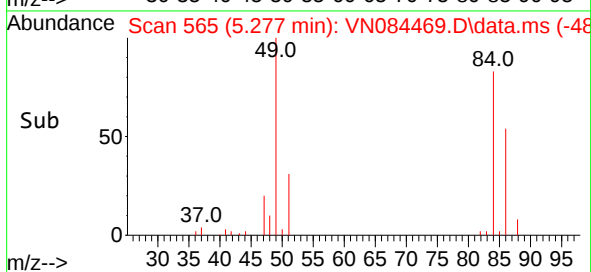
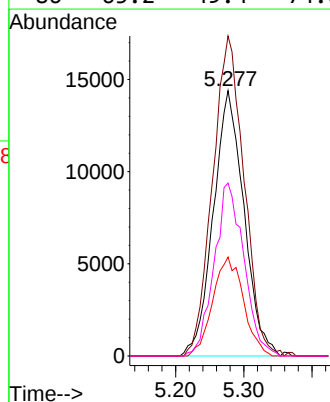
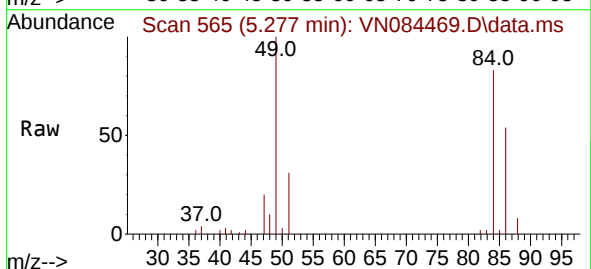
APPROVED

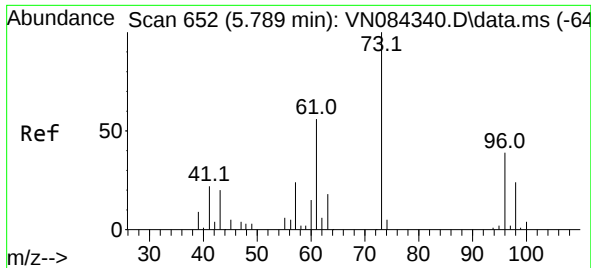
Reviewed By :Semsettin Yesilyurt 10/24/2024
 Supervised By :Mahesh Dadoda 10/24/2024



#18
 Methylene Chloride
 Concen: 18.764 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: VN084469.D
 Acq: 23 Oct 2024 13:26

Tgt Ion: 84 Resp: 44931
 Ion Ratio Lower Upper
 84 100
 49 120.6 94.6 142.0
 51 37.3 27.3 40.9
 86 65.2 49.4 74.0





#19
trans-1,2-Dichloroethene
Concen: 17.558 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

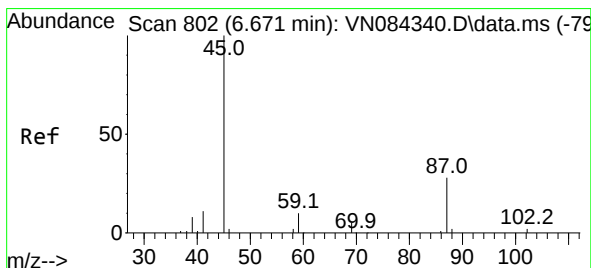
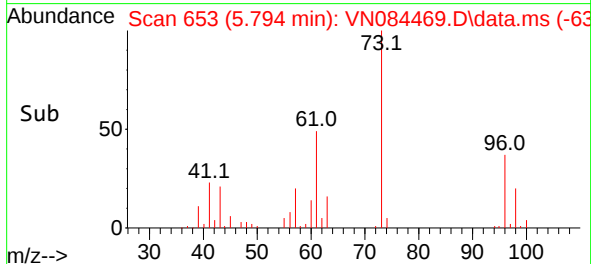
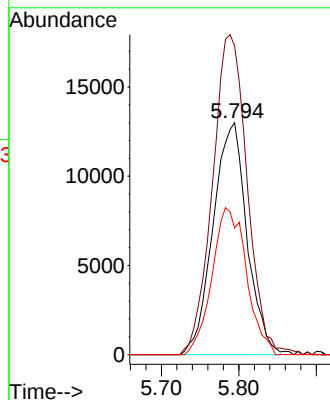
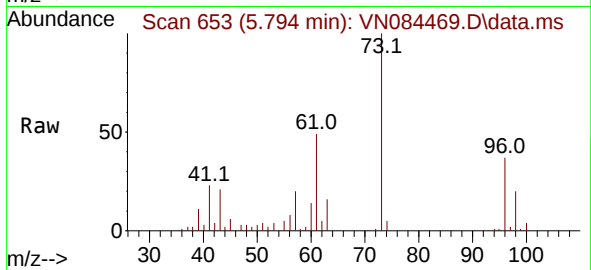
VSTDCCC020

Tgt Ion: 96 Resp: 39500
Ion Ratio Lower Upper
96 100
61 133.2 115.8 173.6
98 54.6 49.4 74.0

Manual Integrations

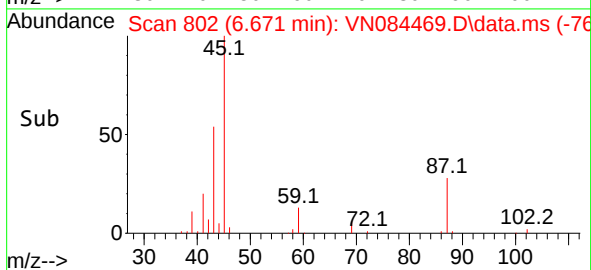
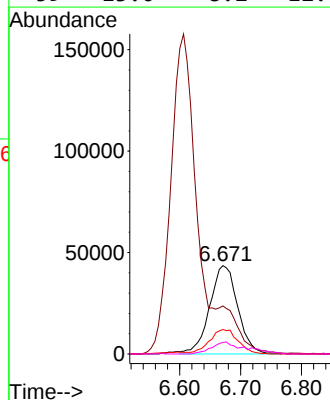
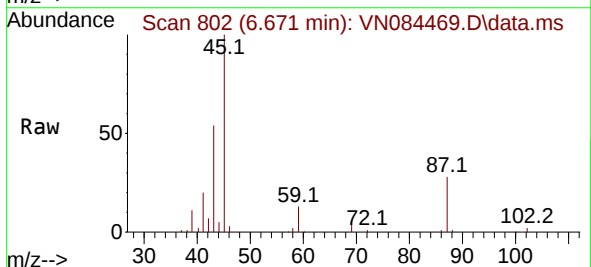
APPROVED

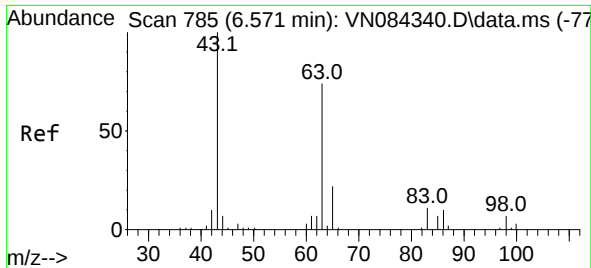
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#20
Diisopropyl ether
Concen: 18.717 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

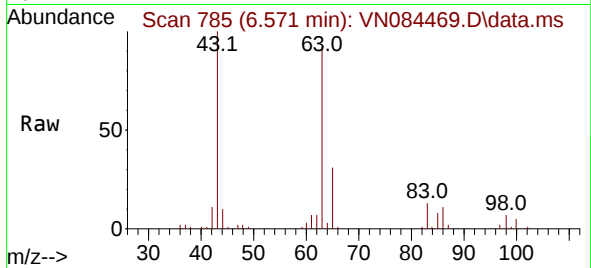
Tgt Ion: 45 Resp: 138664
Ion Ratio Lower Upper
45 100
43 53.0 43.7 65.5
87 27.6 23.1 34.7
59 13.0 8.2 12.4





#21
1,1-Dichloroethane
Concen: 18.713 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

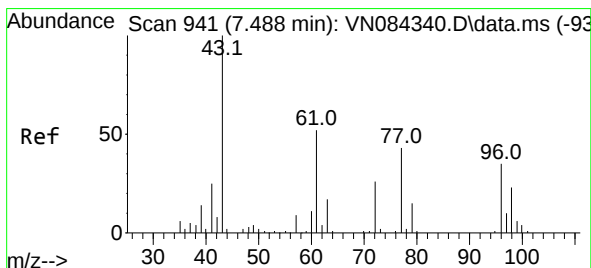
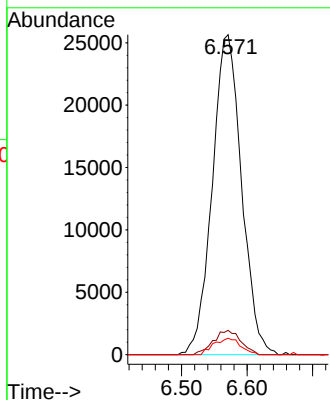
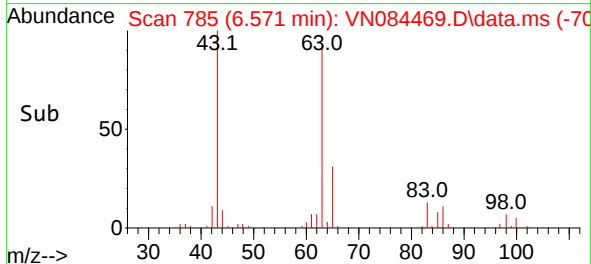
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



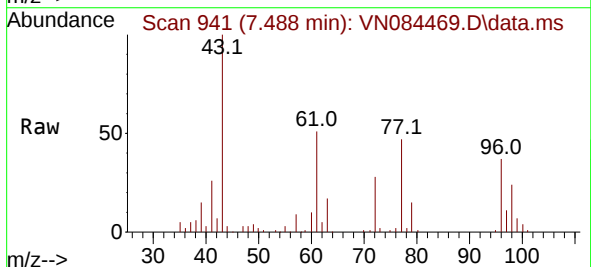
Tgt Ion: 63 Resp: 79550
Ion Ratio Lower Upper
63 100
98 7.6 4.5 13.4
100 5.2 2.1 6.3

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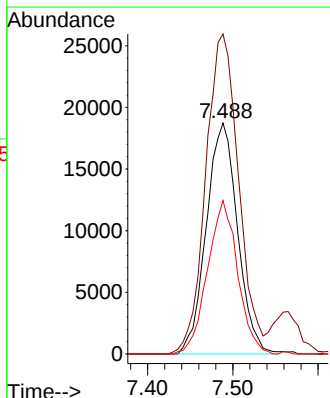
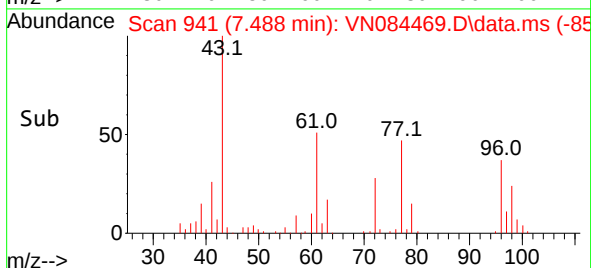
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024

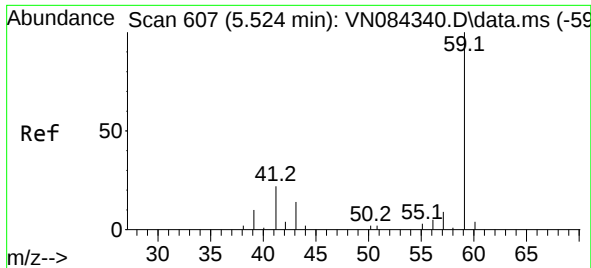


#22
cis-1,2-Dichloroethene
Concen: 18.271 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26



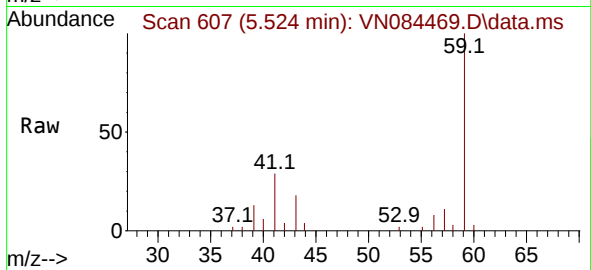
Tgt Ion: 96 Resp: 47830
Ion Ratio Lower Upper
96 100
61 145.4 118.0 177.0
98 63.9 51.8 77.8





#23
tert-Butyl Alcohol
Concen: 75.425 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

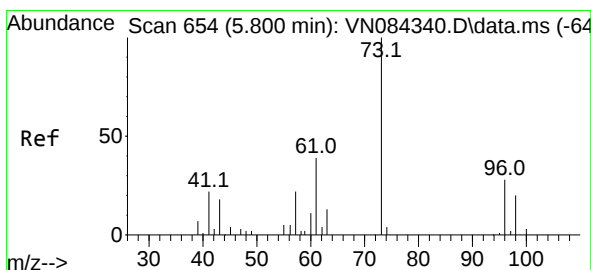
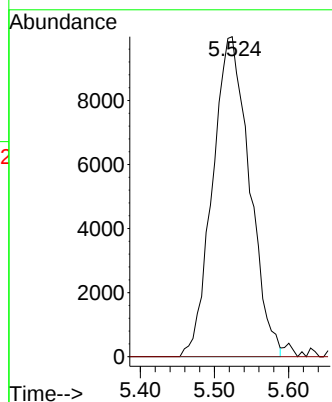
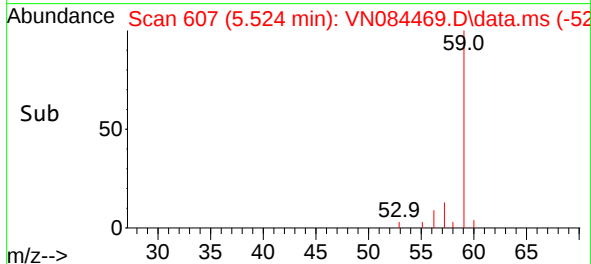
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



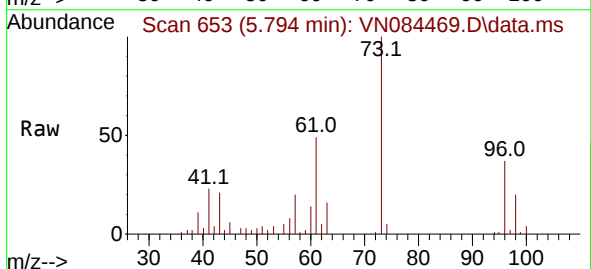
Tgt Ion: 59 Resp: 3458
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
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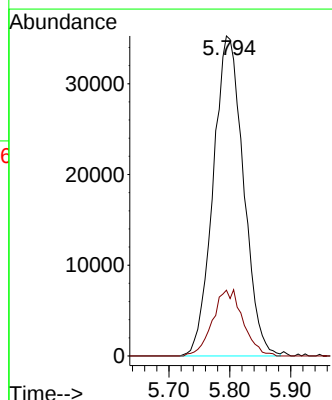
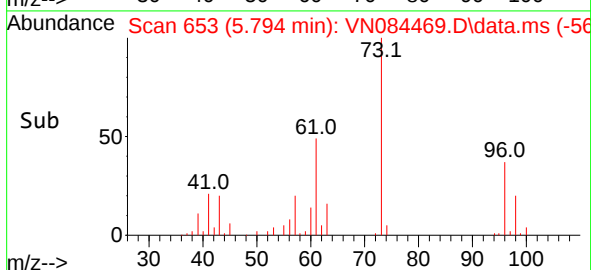
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024

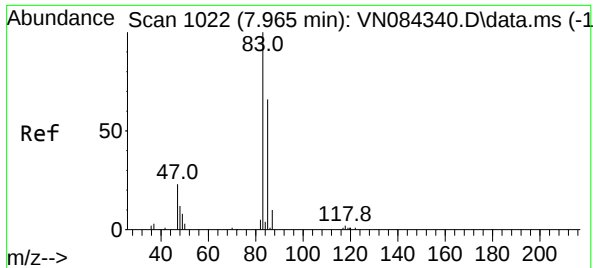


#24
Methyl tert-Butyl Ether
Concen: 17.160 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.006 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26



Tgt Ion: 73 Resp: 121896
Ion Ratio Lower Upper
73 100
43 12.4 10.9 16.3





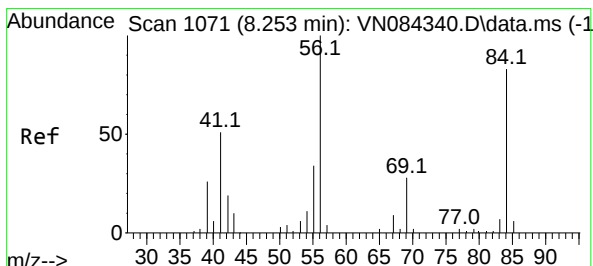
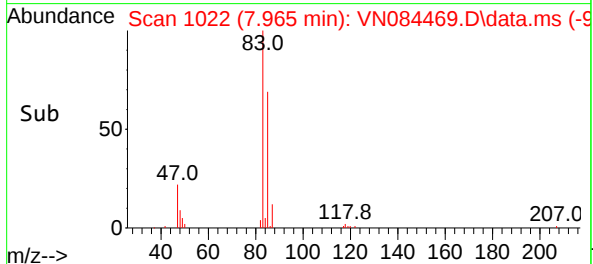
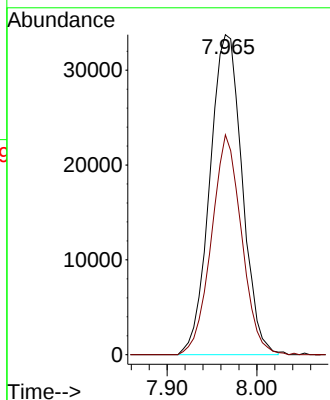
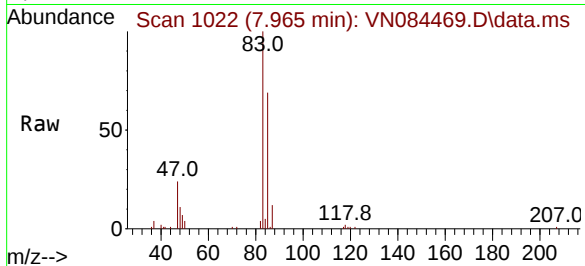
#25
Chloroform
Concen: 19.605 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 8440
Ion Ratio Lower Upper
83 100
85 68.7 52.4 78.6

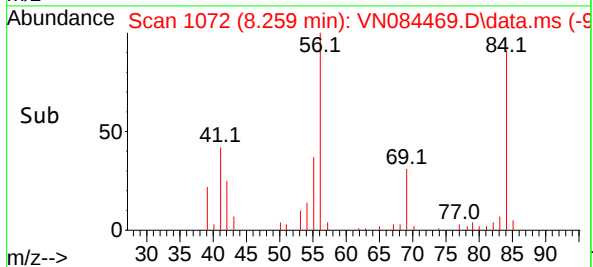
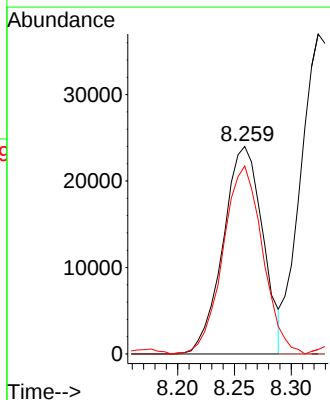
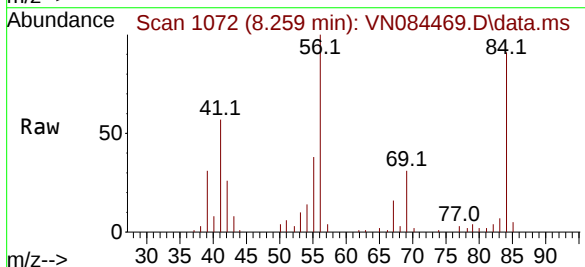
Manual Integrations
APPROVED

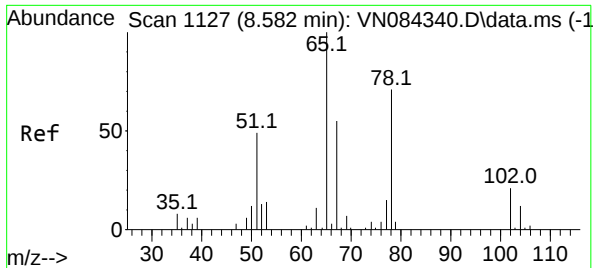
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#26
Cyclohexane
Concen: 16.397 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

Tgt Ion: 56 Resp: 58297
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 90.3 67.0 100.6





#27
1,2-Dichloroethane-d4
Concen: 30.241 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

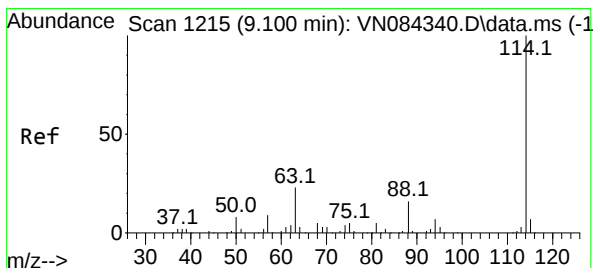
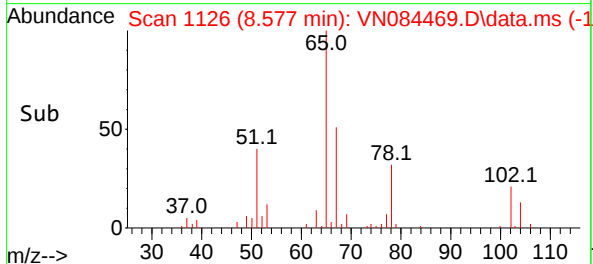
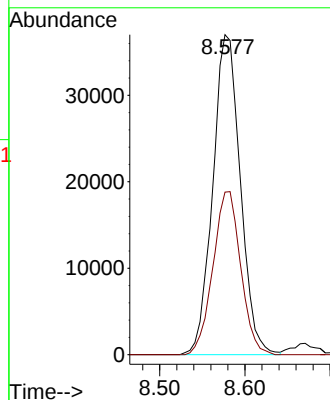
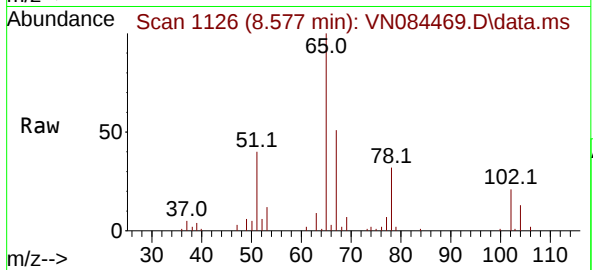
VSTDCCC020

Tgt Ion: 65 Resp: 8311
Ion Ratio Lower Upper
65 100
67 51.3 41.5 62.3

Manual Integrations

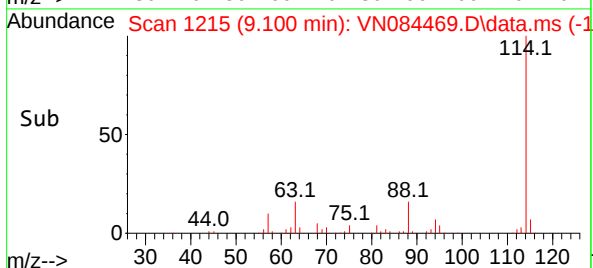
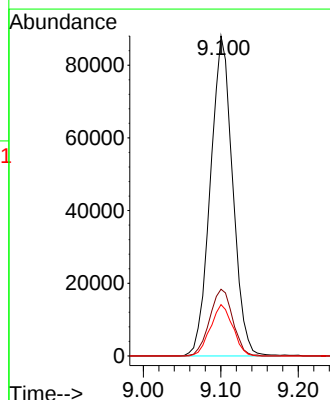
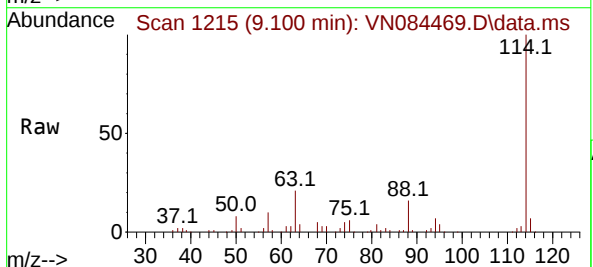
APPROVED

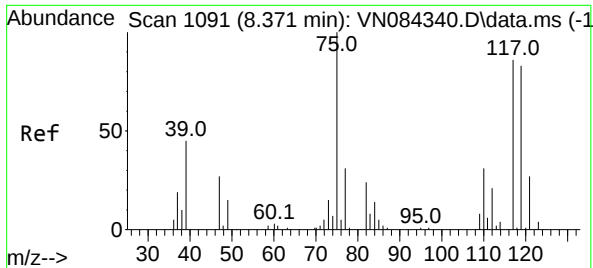
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

Tgt Ion:114 Resp: 175440
Ion Ratio Lower Upper
114 100
63 21.7 17.4 26.0
88 16.1 13.2 19.8





#29
1,1-Dichloropropene
Concen: 18.826 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

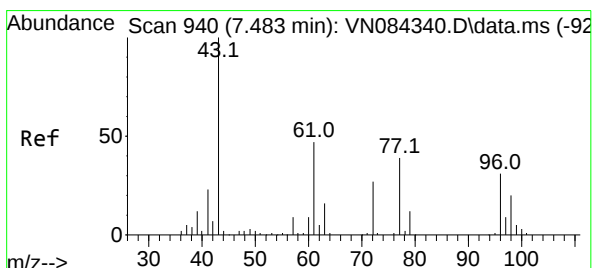
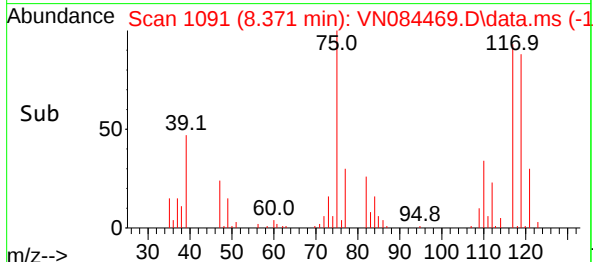
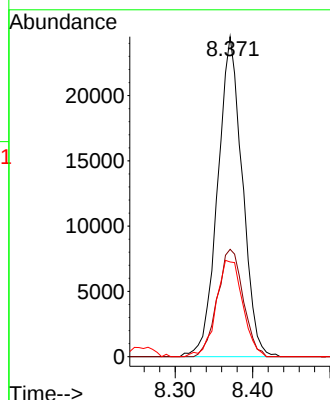
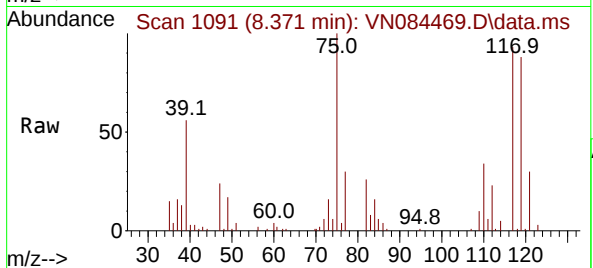
VSTDCCC020

Tgt Ion: 75 Resp: 54218
Ion Ratio Lower Upper
75 100
110 35.1 0.0 67.6
77 32.5 0.0 61.4

Manual Integrations

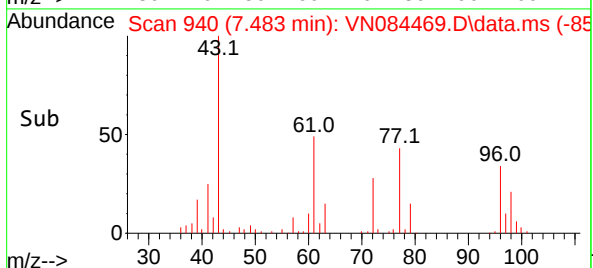
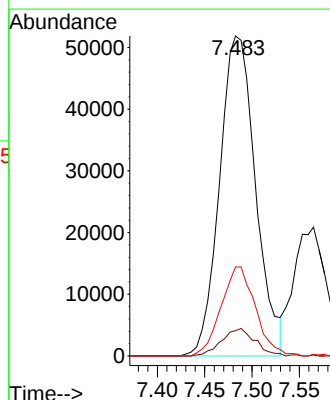
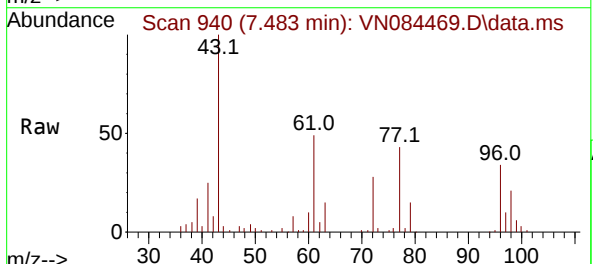
APPROVED

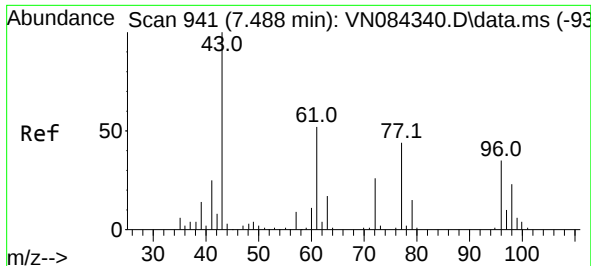
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#30
2-Butanone
Concen: 89.602 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

Tgt Ion: 43 Resp: 137392
Ion Ratio Lower Upper
43 100
57 8.0 6.6 9.8
72 26.4 21.3 31.9





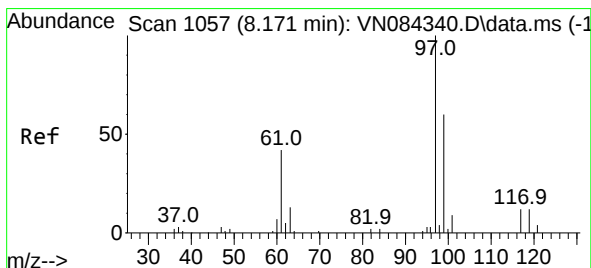
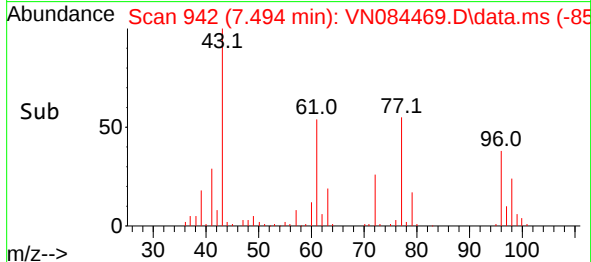
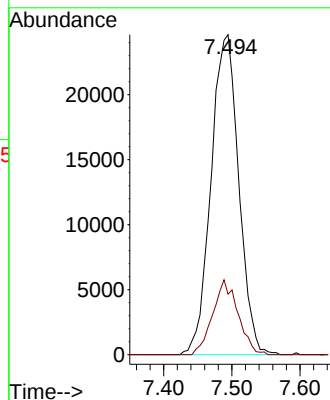
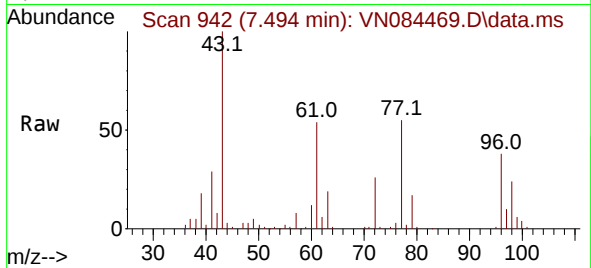
#31
2,2-Dichloropropane
Concen: 20.593 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 77 Resp: 6969
Ion Ratio Lower Upper
77 100
97 21.3 11.5 17.3

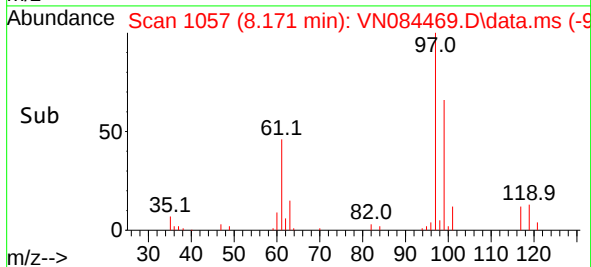
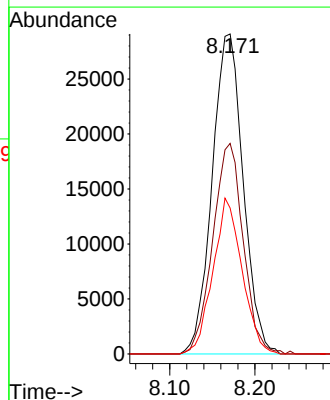
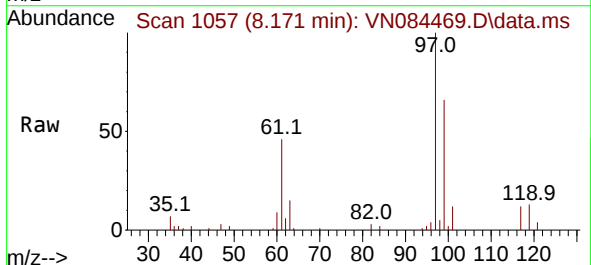
Manual Integrations
APPROVED

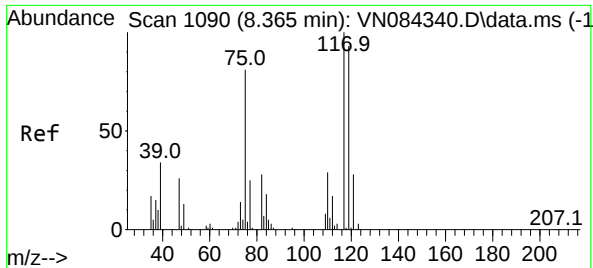
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#32
1,1,1-Trichloroethane
Concen: 20.022 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

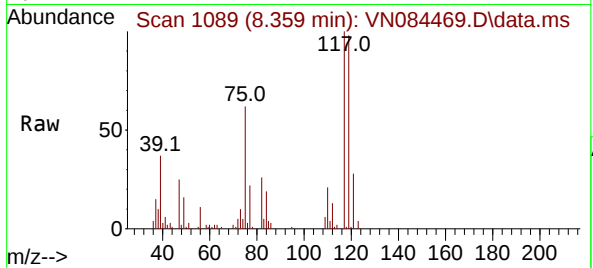
Tgt Ion: 97 Resp: 73706
Ion Ratio Lower Upper
97 100
99 64.5 51.2 76.8
61 45.6 34.1 51.1





#33
Carbon Tetrachloride
Concen: 20.231 ug/l
RT: 8.359 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

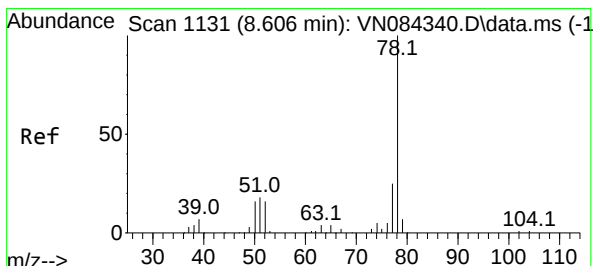
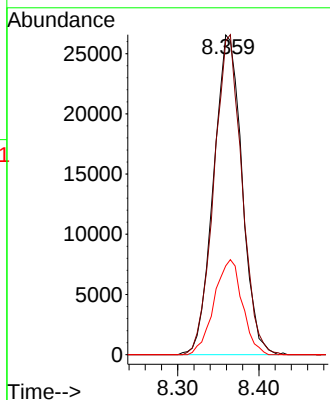
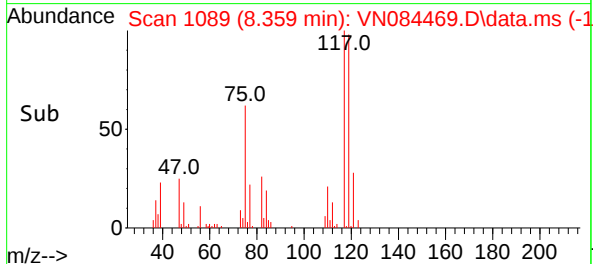
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 117 Resp: 64520
Ion Ratio Lower Upper
117 100
119 98.2 74.3 111.5
121 27.8 22.4 33.6

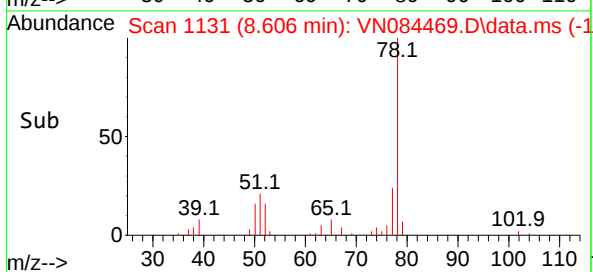
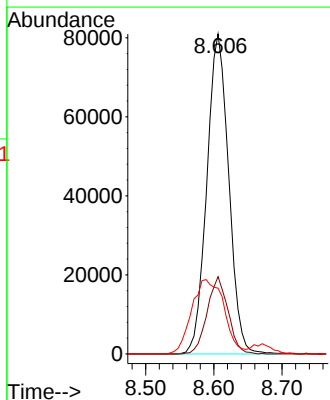
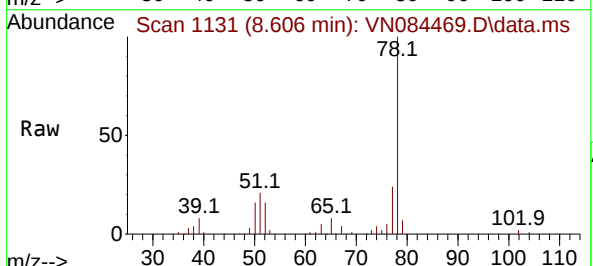
Manual Integrations
APPROVED

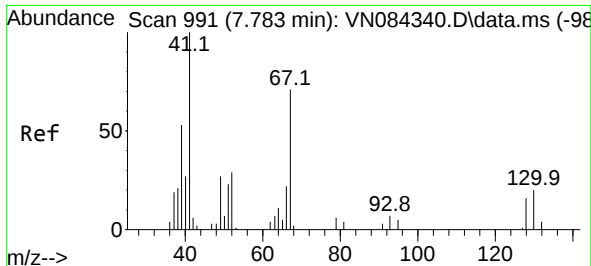
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#34
Benzene
Concen: 20.048 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

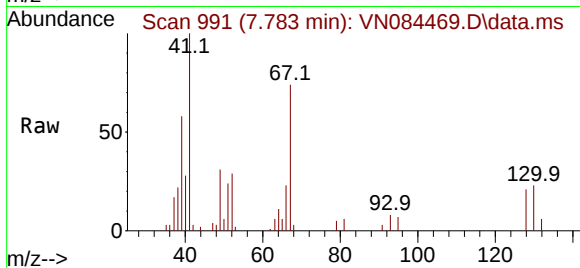
Tgt Ion: 78 Resp: 180734
Ion Ratio Lower Upper
78 100
77 24.2 19.6 29.4
51 19.5 15.8 23.6





#35
Methacrylonitrile
Concen: 18.505 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

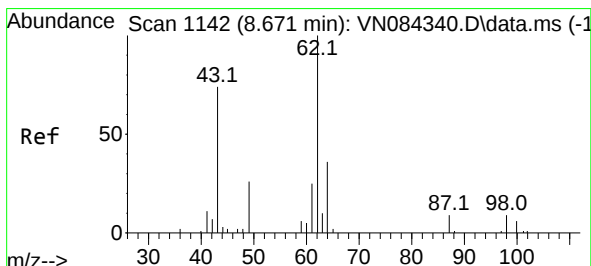
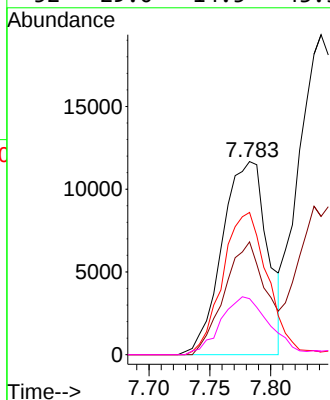
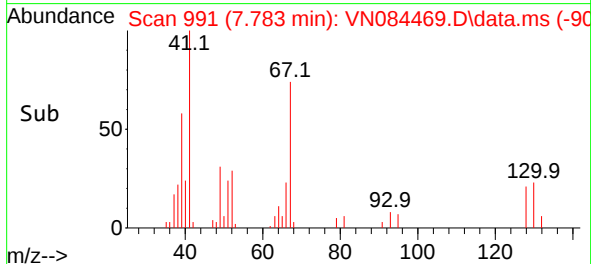
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:	41	Resp:	3027
Ion Ratio	100	Lower	Upper
41	100		
39	58.4	26.4	79.0
67	73.7	35.7	107.1
52	29.0	14.5	43.5

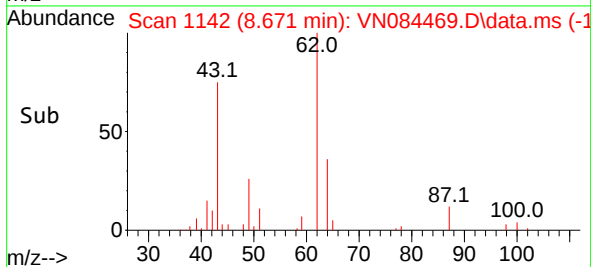
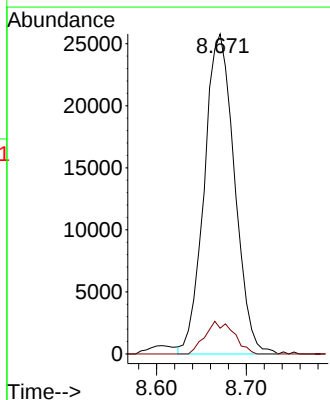
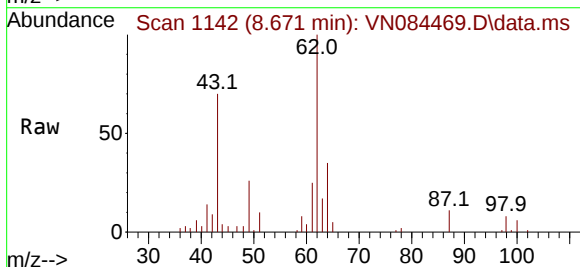
Manual Integrations
APPROVED

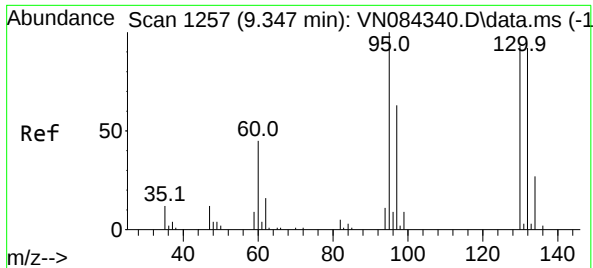
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#36
1,2-Dichloroethane
Concen: 20.063 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

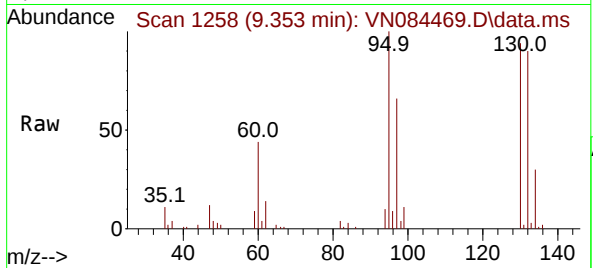
Tgt Ion:	62	Resp:	60289
Ion Ratio	100	Lower	Upper
62	100		
98	9.7	7.3	10.9





#37
Trichloroethene
Concen: 19.449 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

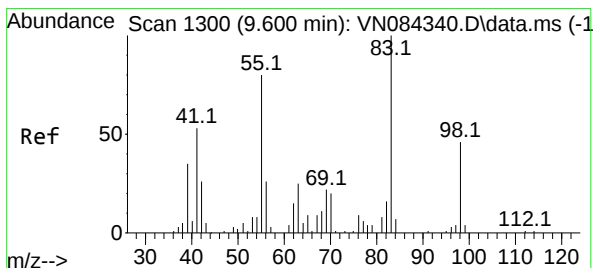
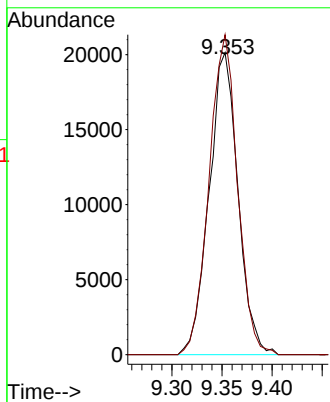
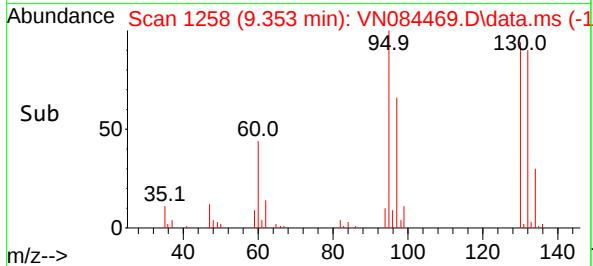
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



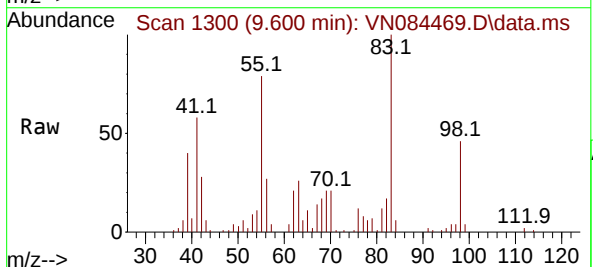
Tgt Ion:130 Resp: 40374
Ion Ratio Lower Upper
130 100
95 105.9 85.8 128.6

Manual Integrations
APPROVED

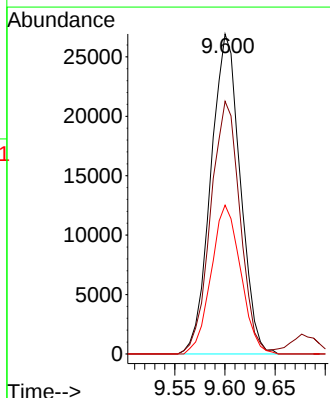
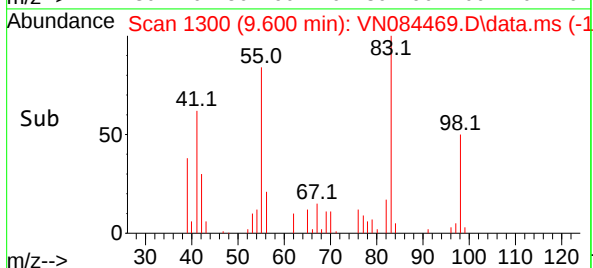
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024

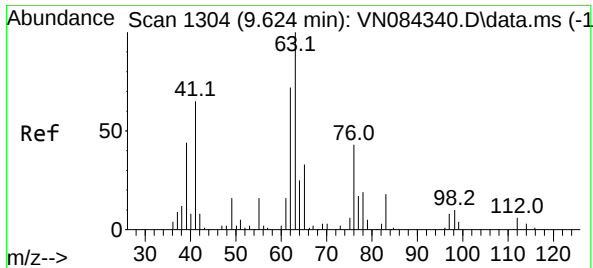


#38
Methylcyclohexane
Concen: 17.324 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26



Tgt Ion: 83 Resp: 54803
Ion Ratio Lower Upper
83 100
55 78.8 39.3 117.8
98 46.7 24.0 72.0





#39

1,2-Dichloropropane

Concen: 20.250 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN084469.D

Acq: 23 Oct 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 44518

Ion Ratio Lower Upper

63 100

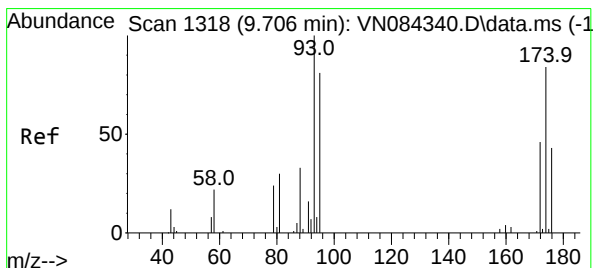
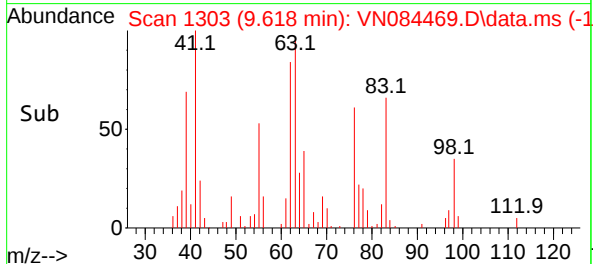
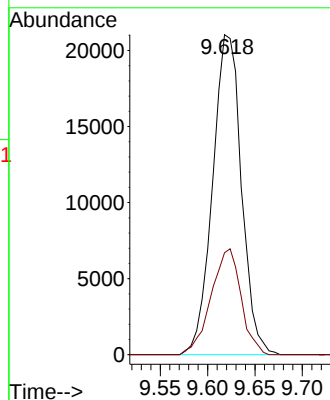
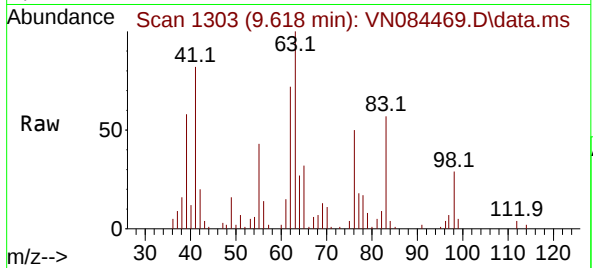
65 31.8 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2024

Supervised By :Mahesh Dadoda 10/24/2024



#40

Dibromomethane

Concen: 20.511 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN084469.D

Acq: 23 Oct 2024 13:26

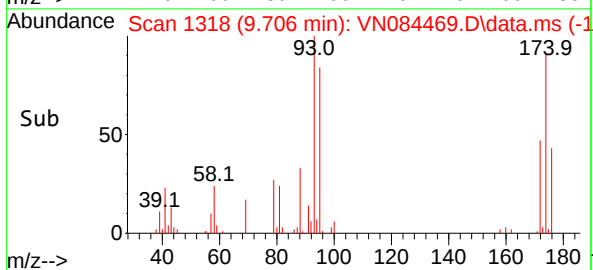
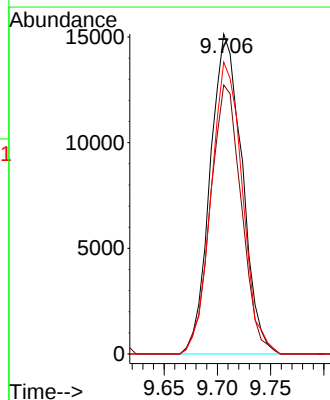
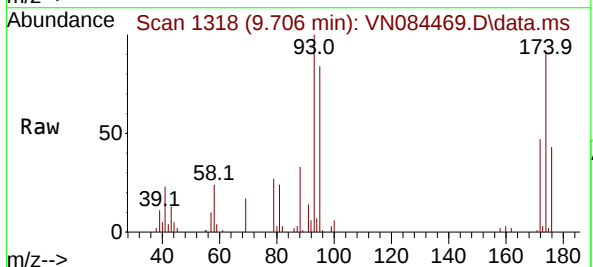
Tgt Ion: 93 Resp: 31515

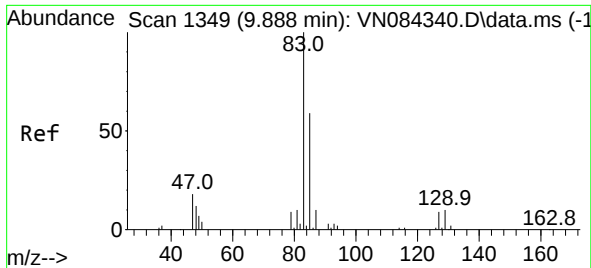
Ion Ratio Lower Upper

93 100

95 81.9 0.0 171.4

174 89.4 0.0 183.0





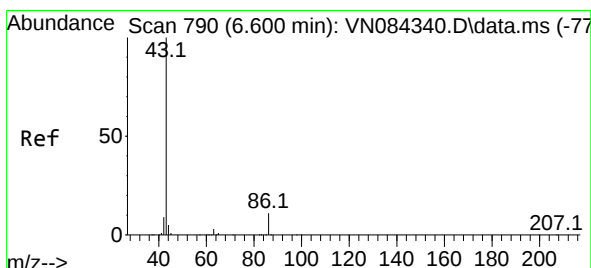
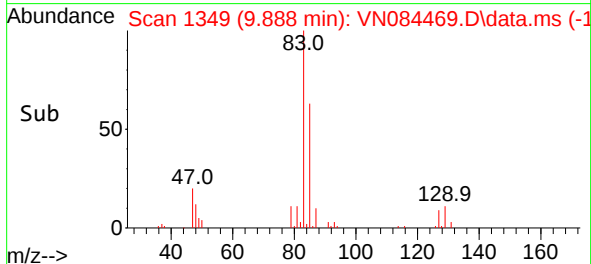
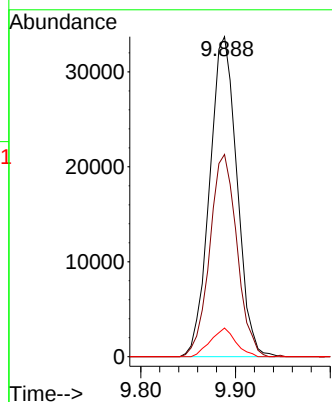
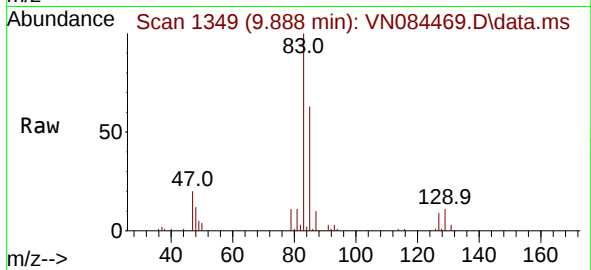
#41
Bromodichloromethane
Concen: 20.692 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 67492
Ion Ratio Lower Upper
83 100
85 63.2 47.1 70.7
127 8.9 7.1 10.7

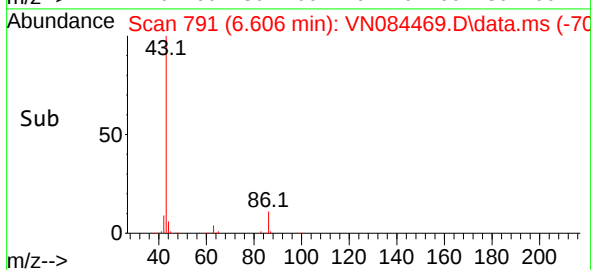
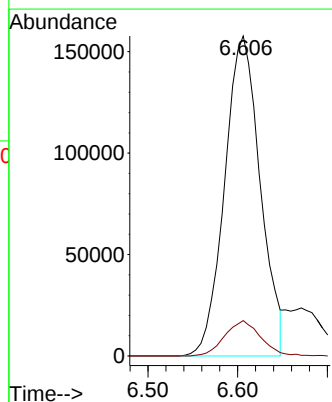
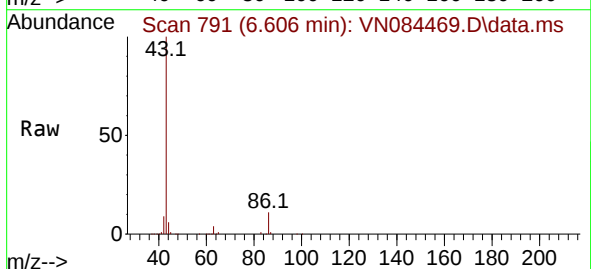
Manual Integrations
APPROVED

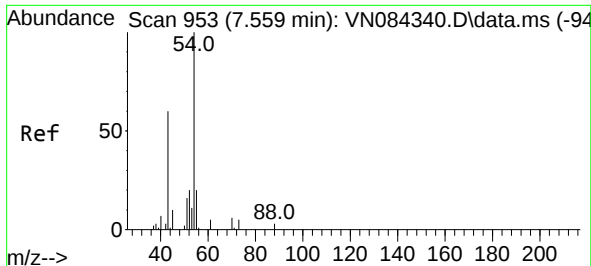
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#42
Vinyl Acetate
Concen: 81.672 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

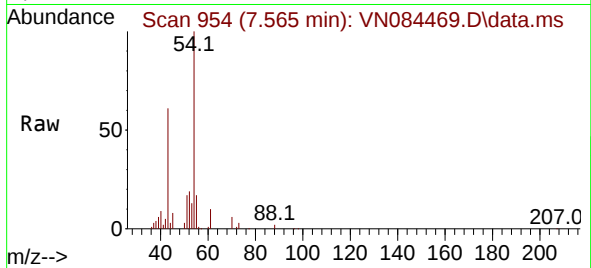
Tgt Ion: 43 Resp: 435550
Ion Ratio Lower Upper
43 100
86 11.0 8.5 12.7





#43
Ethyl Acetate
Concen: 17.870 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

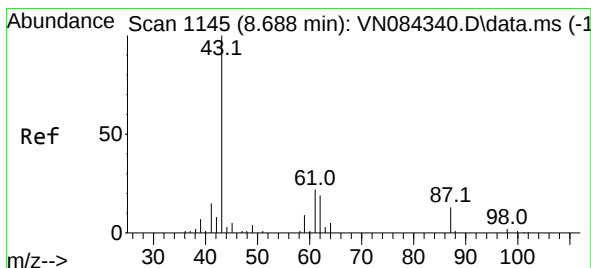
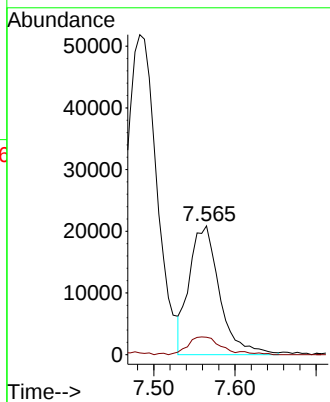
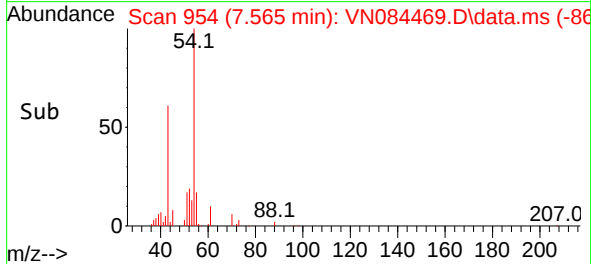
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 5404
Ion Ratio Lower Upper
43 100
45 14.2 10.6 16.0

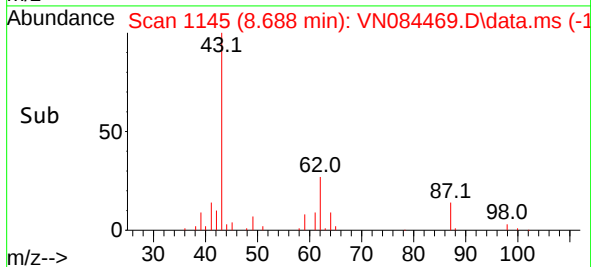
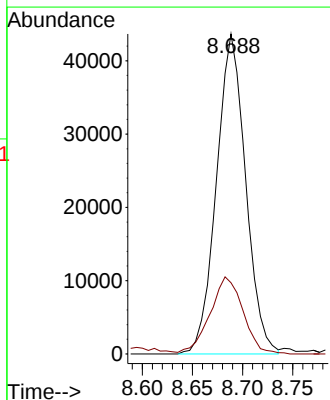
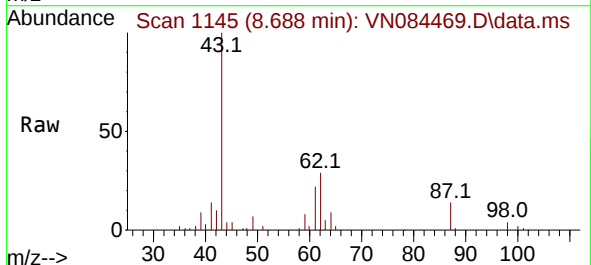
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#44
Isopropyl Acetate
Concen: 17.861 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

Tgt Ion: 43 Resp: 88405
Ion Ratio Lower Upper
43 100
61 27.2 21.4 32.2





#45

1,4-Dioxane

Concen: 368.605 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.012 min

Lab File: VN084469.D

Acq: 23 Oct 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

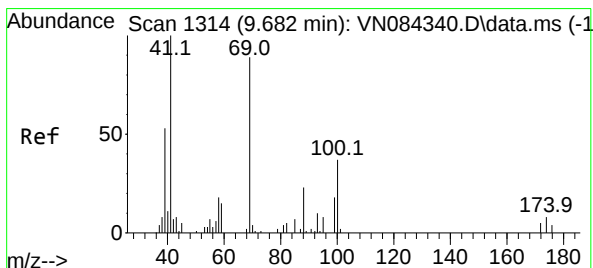
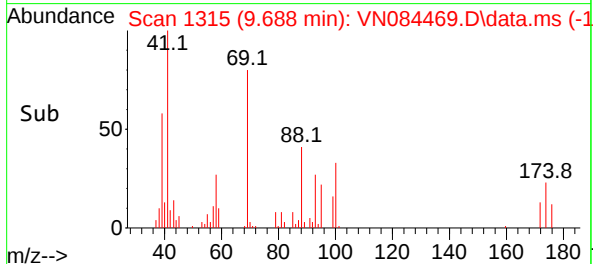
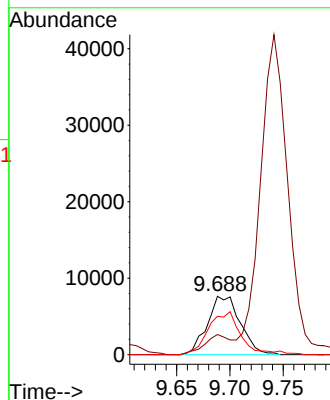
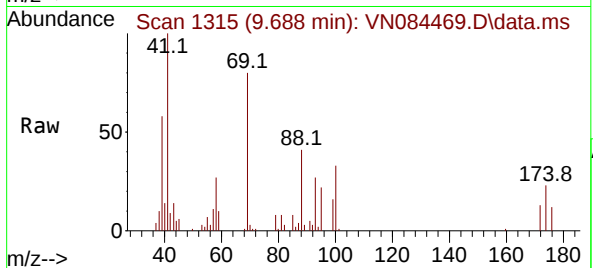
VSTDCCC020

Tgt Ion:	88	Resp:	1644
Ion Ratio	Lower	Upper	
88	100		
43	25.5	22.4	33.6
58	70.8	59.7	89.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#46

Methyl methacrylate

Concen: 17.179 ug/l

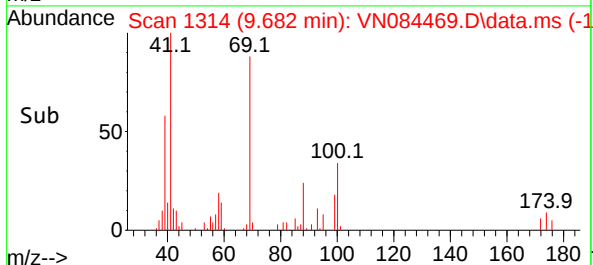
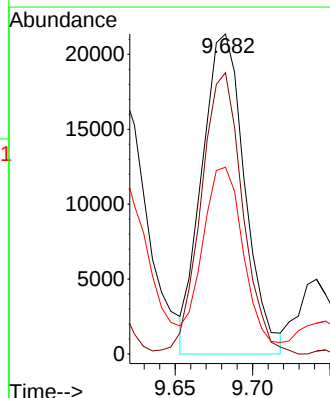
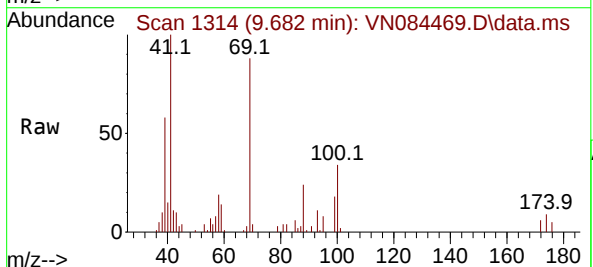
RT: 9.682 min Scan# 1314

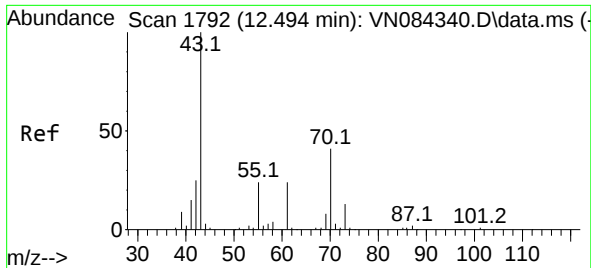
Delta R.T. 0.000 min

Lab File: VN084469.D

Acq: 23 Oct 2024 13:26

Tgt Ion:	41	Resp:	41083
Ion Ratio	Lower	Upper	
41	100		
69	91.6	42.6	128.0
39	58.6	27.5	82.4





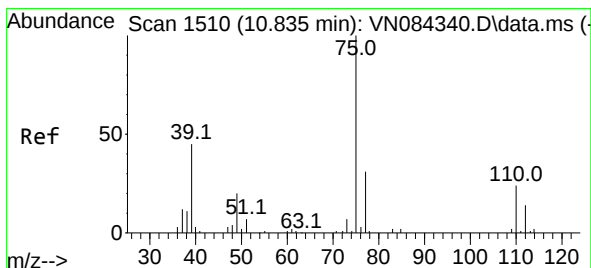
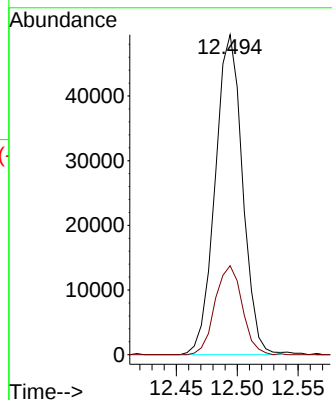
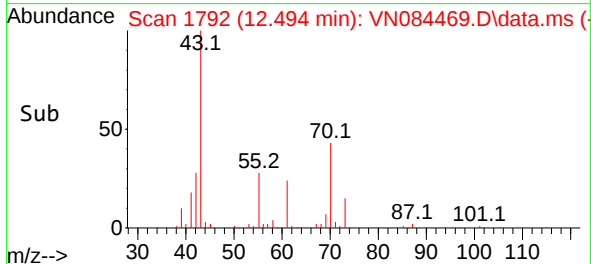
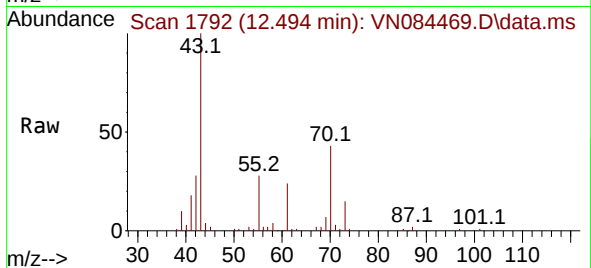
#47
n-amy1 Acetate
Concen: 17.575 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 77378
Ion Ratio Lower Upper
43 100
55 27.5 20.6 31.0

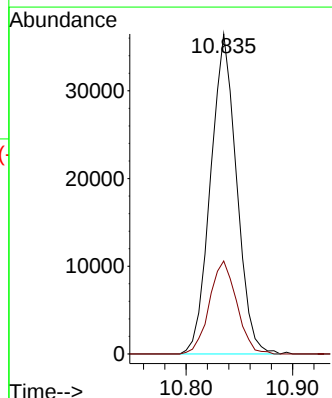
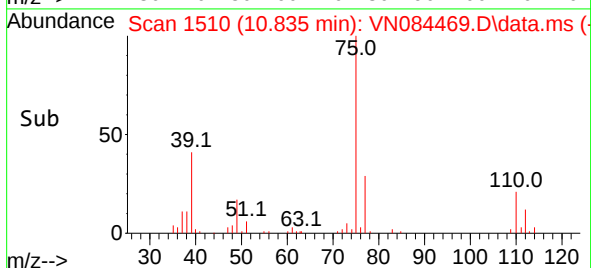
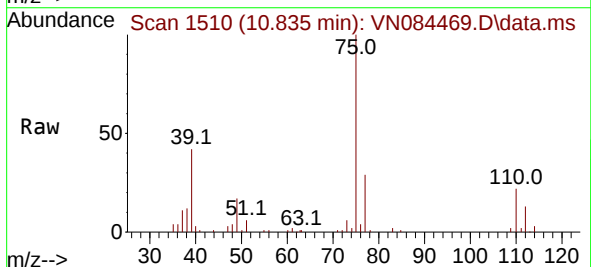
Manual Integrations
APPROVED

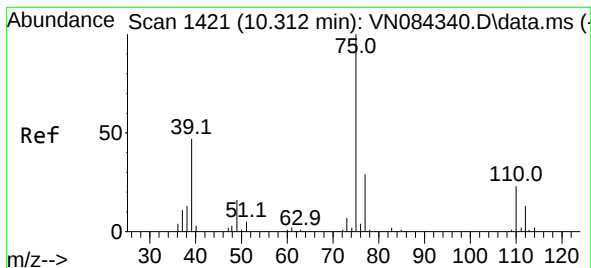
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#48
t-1,3-Dichloropropene
Concen: 18.324 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

Tgt Ion: 75 Resp: 61764
Ion Ratio Lower Upper
75 100
77 29.0 24.6 37.0





#49

cis-1,3-Dichloropropene

Concen: 19.099 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN084469.D

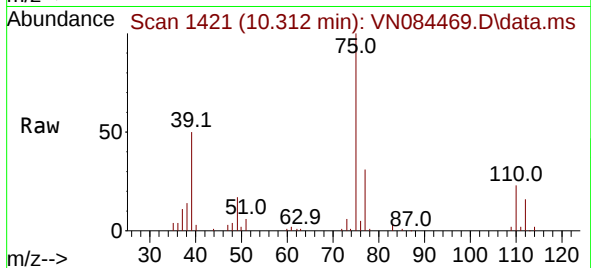
Acq: 23 Oct 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion: 75 Resp: 67468

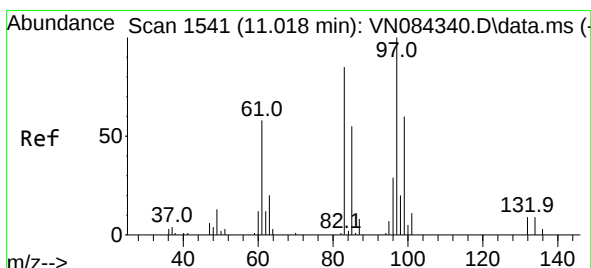
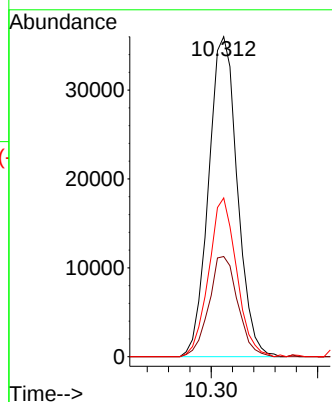
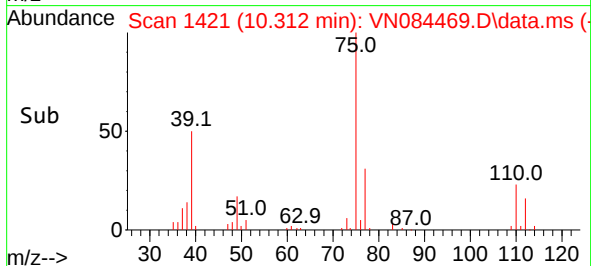
Ion	Ratio	Lower	Upper
75	100		
77	31.3	22.9	34.3
39	49.6	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2024

Supervised By :Mahesh Dadoda 10/24/2024



#50

1,1,2-Trichloroethane

Concen: 20.783 ug/l

RT: 11.018 min Scan# 1541

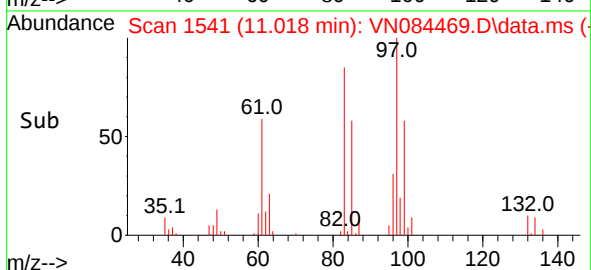
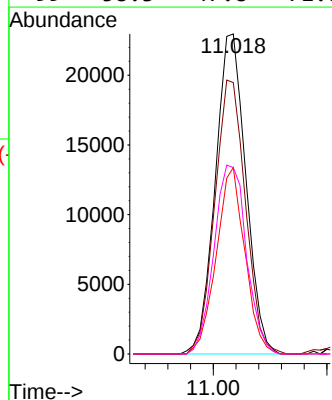
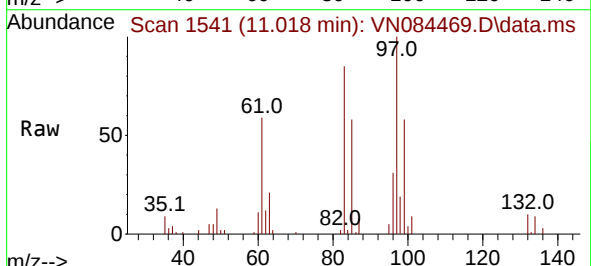
Delta R.T. 0.000 min

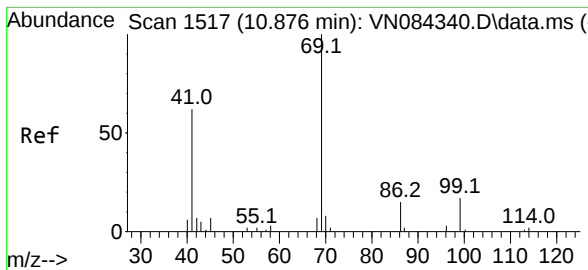
Lab File: VN084469.D

Acq: 23 Oct 2024 13:26

Tgt Ion: 97 Resp: 42922

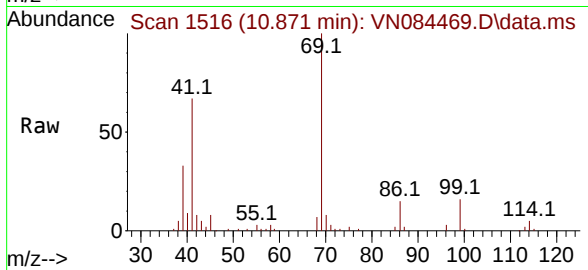
Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.8	101.8
85	58.3	44.2	66.2
99	58.3	47.8	71.8





#51
Ethyl methacrylate
Concen: 17.501 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

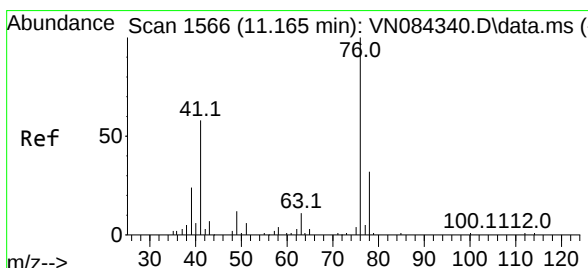
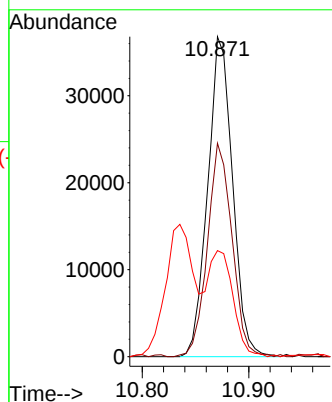
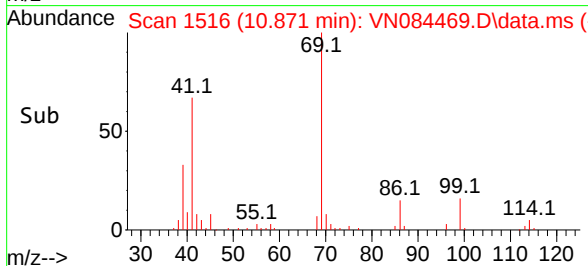
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 69 Resp: 59699
Ion Ratio Lower Upper
69 100
41 66.2 30.9 92.7
39 33.1 16.6 49.7

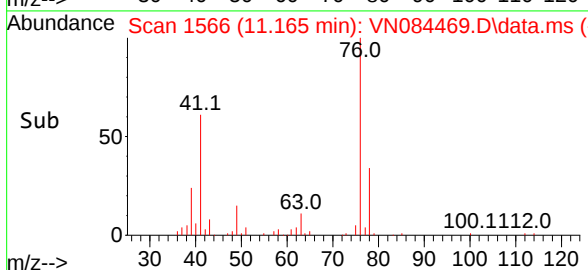
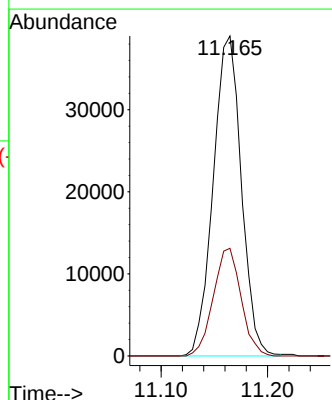
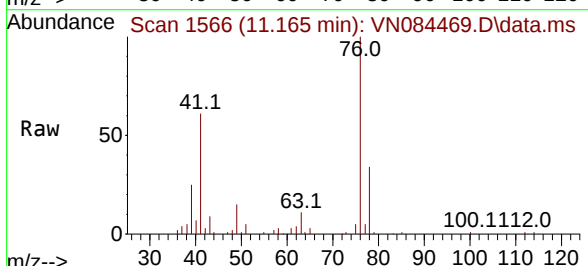
Manual Integrations
APPROVED

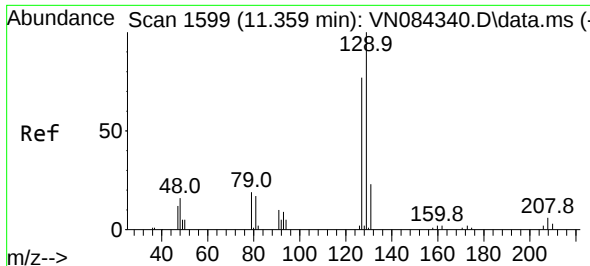
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#52
1,3-Dichloropropane
Concen: 19.795 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

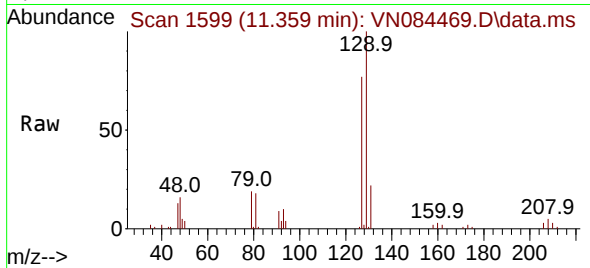
Tgt Ion: 76 Resp: 71481
Ion Ratio Lower Upper
76 100
78 33.1 0.0 64.2





#53
Dibromochloromethane
Concen: 20.171 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

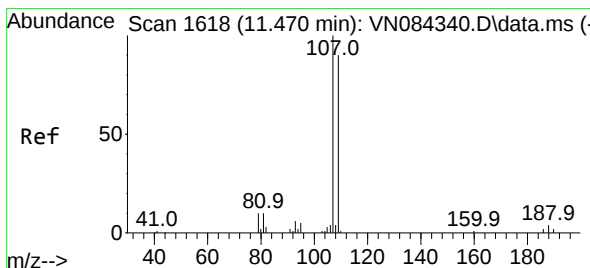
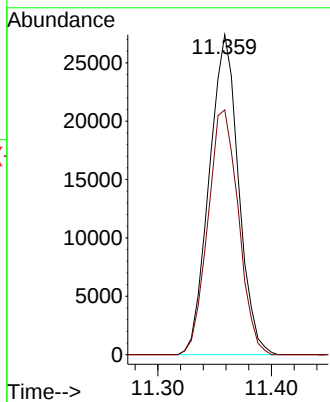
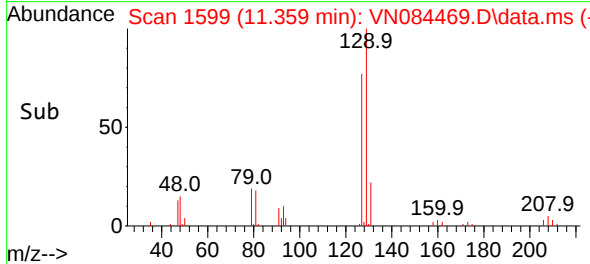
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



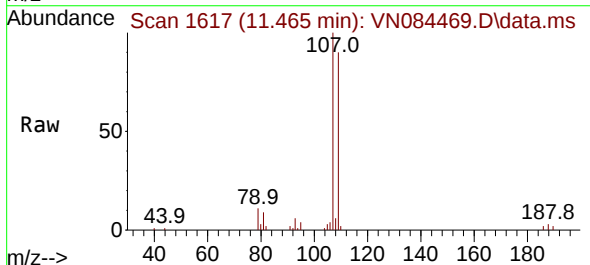
Tgt Ion:129 Resp: 49210
Ion Ratio Lower Upper
129 100
127 79.6 38.5 115.5

Manual Integrations
APPROVED

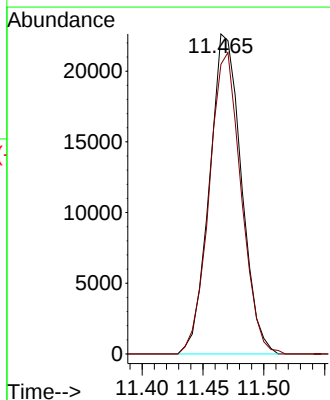
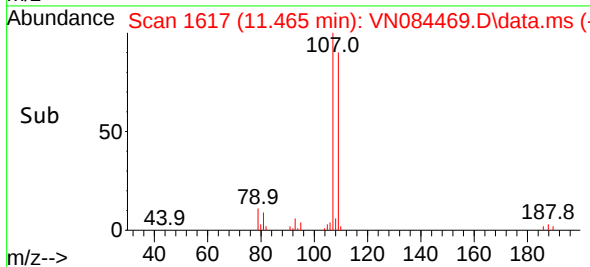
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024

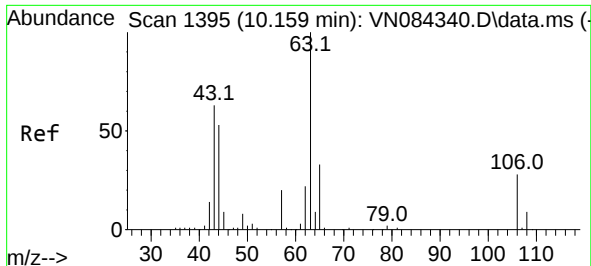


#54
1,2-Dibromoethane
Concen: 19.415 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26



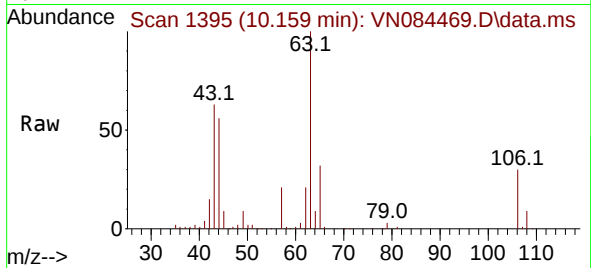
Tgt Ion:107 Resp: 41272
Ion Ratio Lower Upper
107 100
109 94.2 73.8 110.6





#55
2-Chloroethyl vinyl ether
Concen: 101.652 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

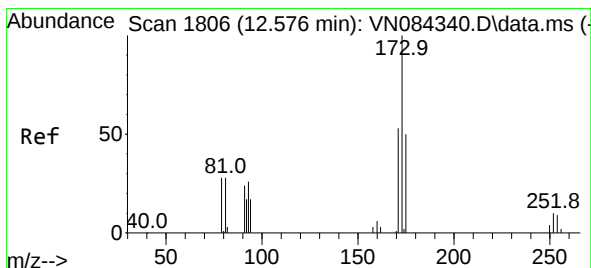
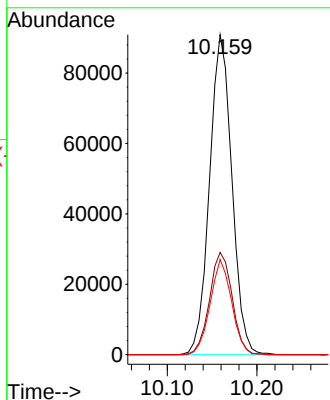
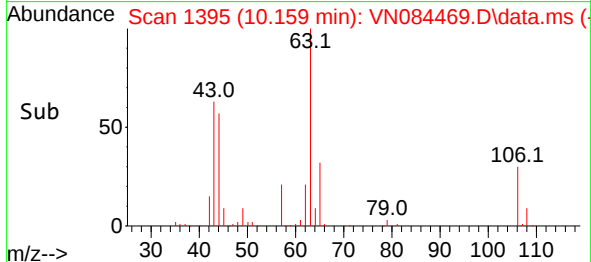
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



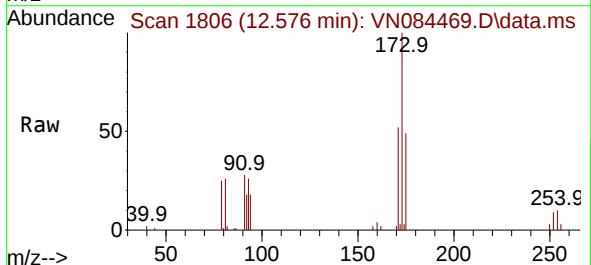
Tgt Ion: 63 Resp: 157274
Ion Ratio Lower Upper
63 100
65 32.3 25.6 38.4
106 28.6 21.6 32.4

Manual Integrations
APPROVED

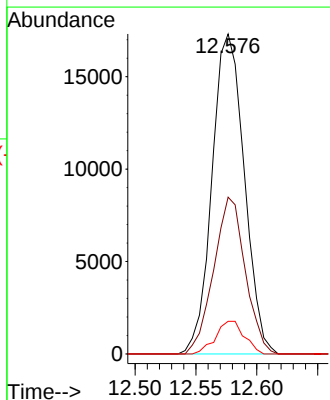
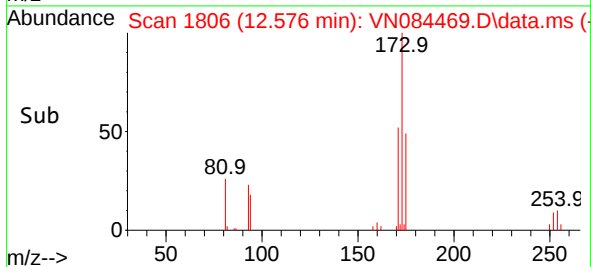
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024

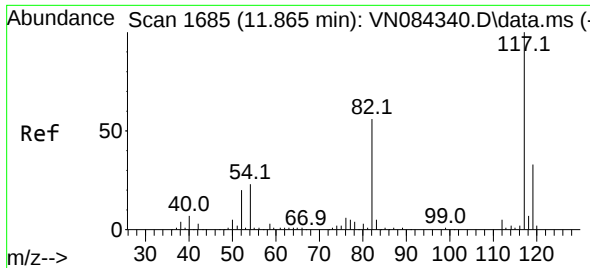


#56
Bromoform
Concen: 19.700 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26



Tgt Ion:173 Resp: 31876
Ion Ratio Lower Upper
173 100
175 48.0 39.4 59.2
254 9.1 6.8 10.2





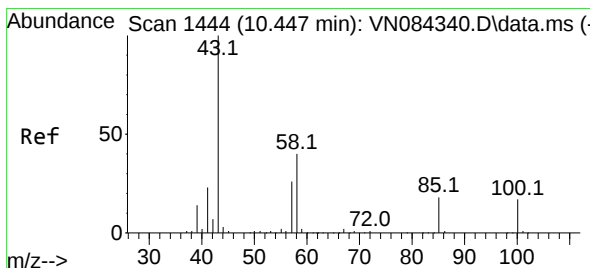
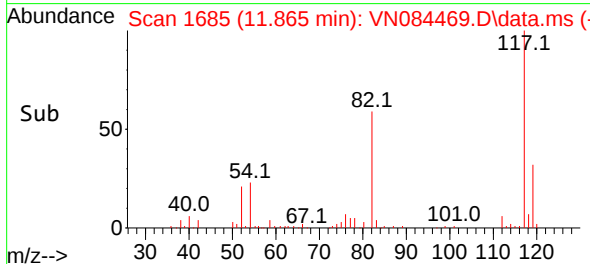
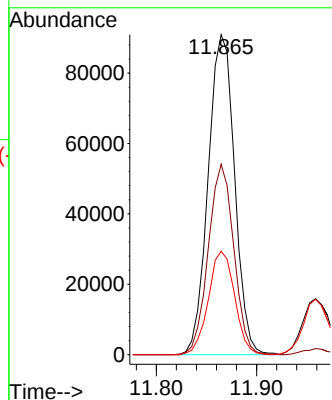
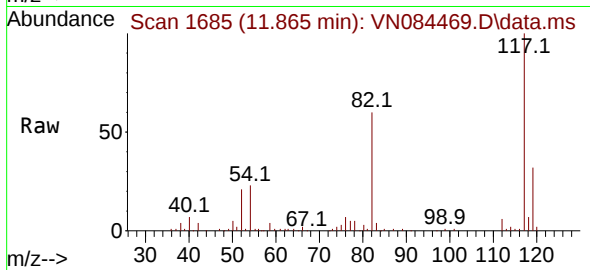
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:117 Resp: 166908
Ion Ratio Lower Upper
117 100
82 57.5 46.2 69.4
119 32.1 25.4 38.2

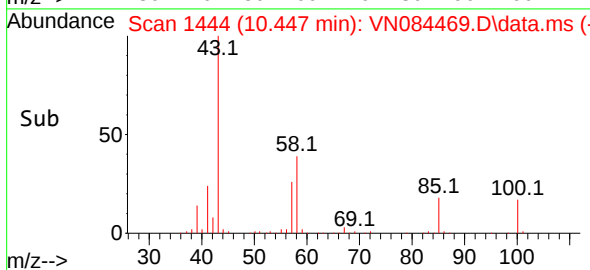
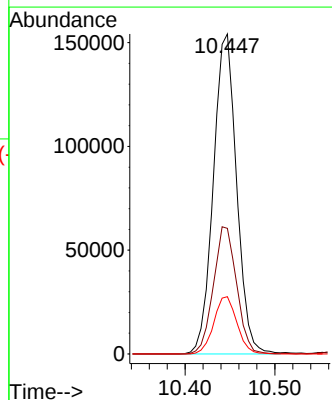
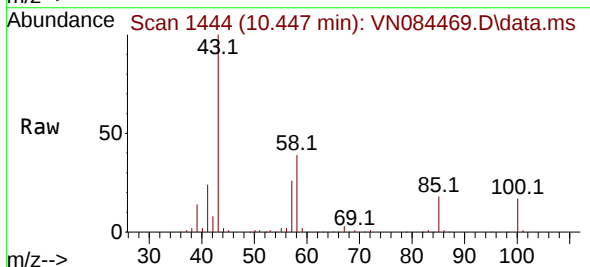
Manual Integrations
APPROVED

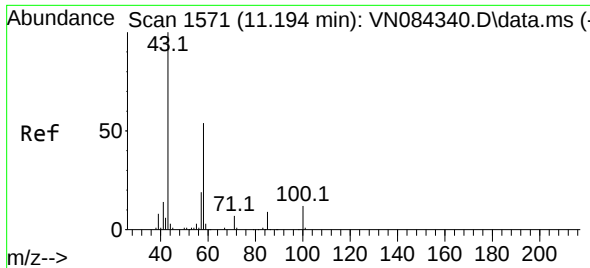
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#58
4-Methyl-2-Pentanone
Concen: 89.259 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

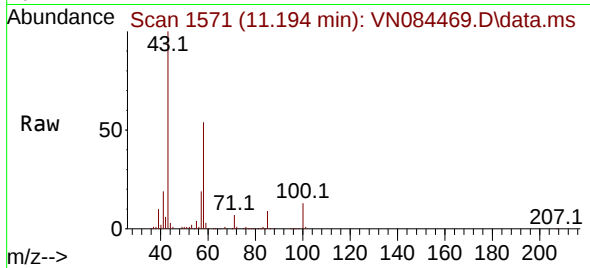
Tgt Ion: 43 Resp: 277527
Ion Ratio Lower Upper
43 100
58 39.7 31.9 47.9
85 17.8 14.6 22.0





#59
2-Hexanone
Concen: 88.472 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

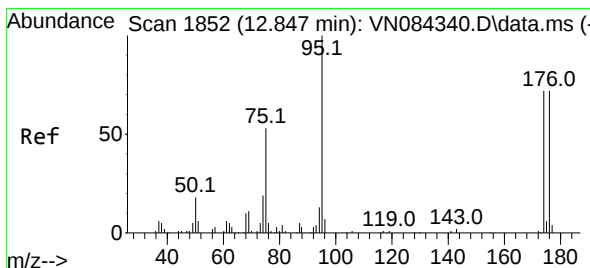
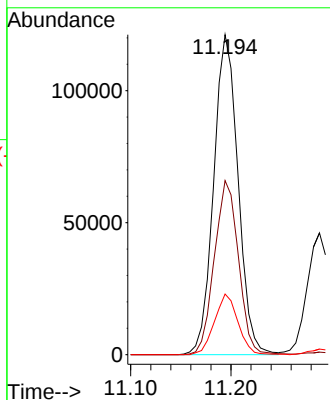
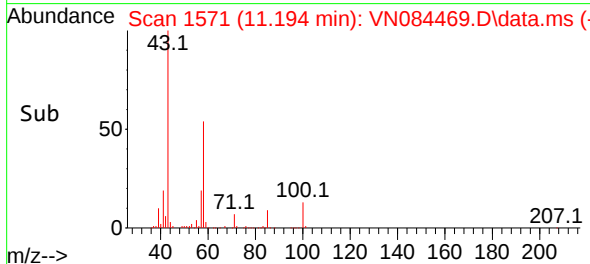
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 204400
Ion Ratio Lower Upper
43 100
58 53.8 44.0 66.0
57 18.3 15.4 23.2

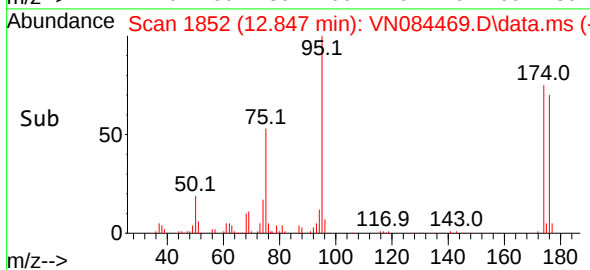
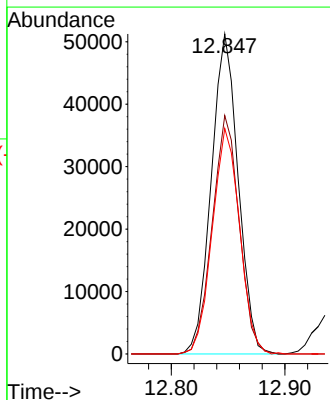
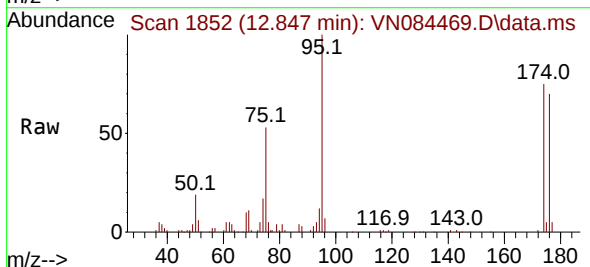
Manual Integrations
APPROVED

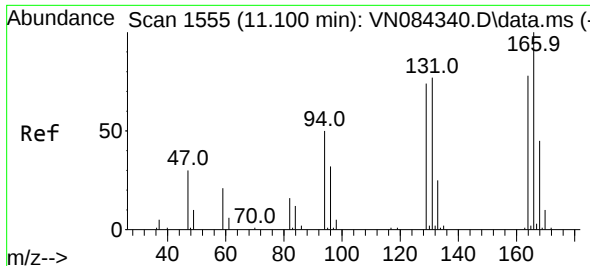
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#60
4-Bromofluorobenzene
Concen: 30.609 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

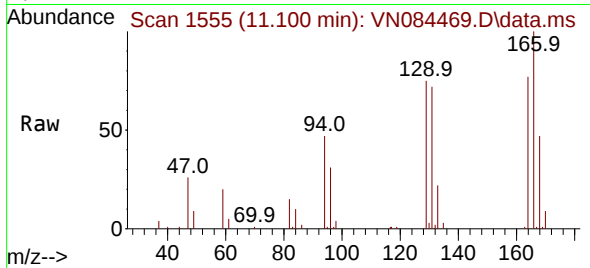
Tgt Ion: 95 Resp: 84319
Ion Ratio Lower Upper
95 100
174 74.6 58.2 87.2
176 71.5 56.4 84.6





#61
Tetrachloroethene
Concen: 19.924 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

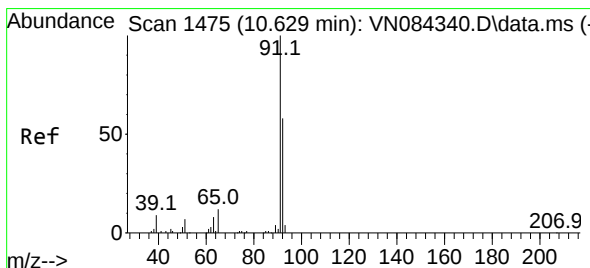
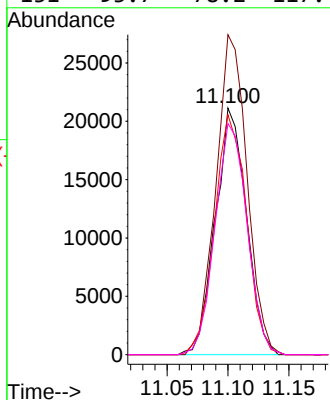
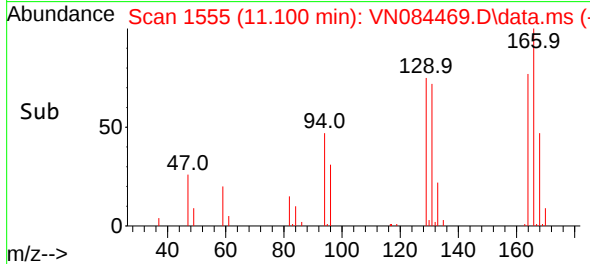
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



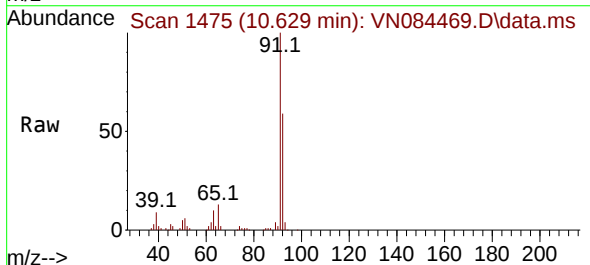
Tgt Ion:164 Resp: 37610
Ion Ratio Lower Upper
164 100
166 129.8 102.5 153.7
129 97.2 75.7 113.5
131 93.7 78.2 117.4

Manual Integrations
APPROVED

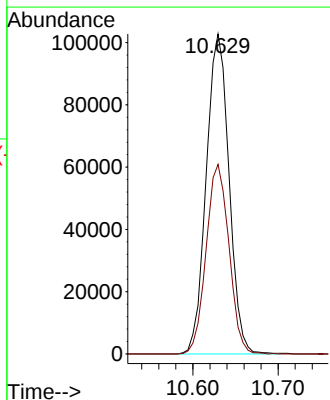
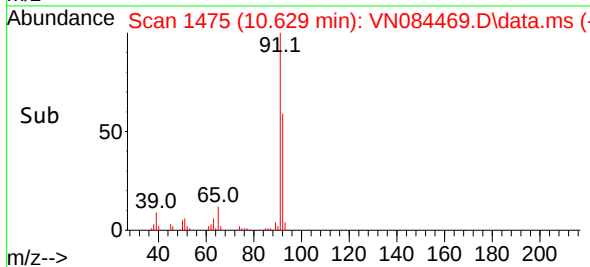
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024

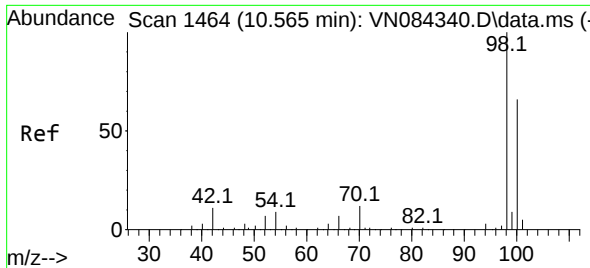


#62
Toluene
Concen: 19.563 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26



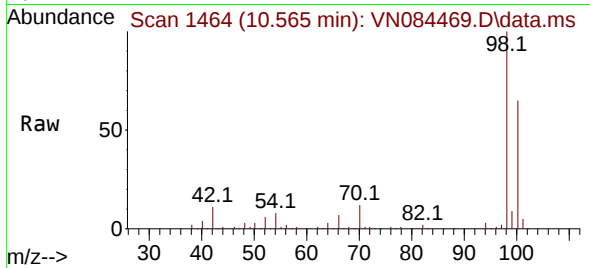
Tgt Ion: 91 Resp: 191153
Ion Ratio Lower Upper
91 100
92 59.2 47.2 70.8





#63
Toluene-d8
Concen: 31.470 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

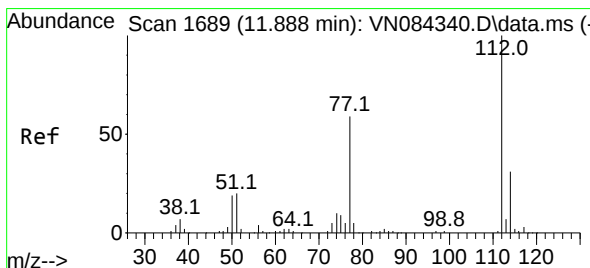
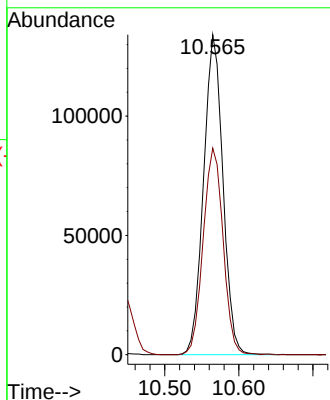
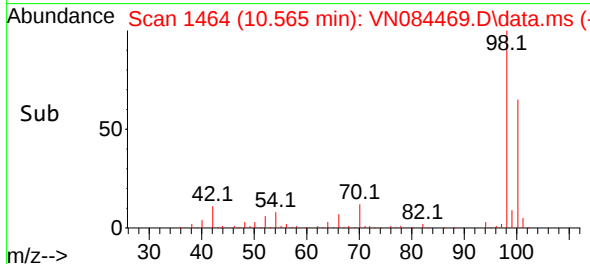
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



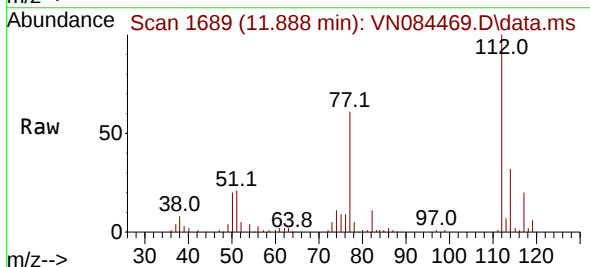
Tgt Ion: 98 Resp: 24333
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7

Manual Integrations
APPROVED

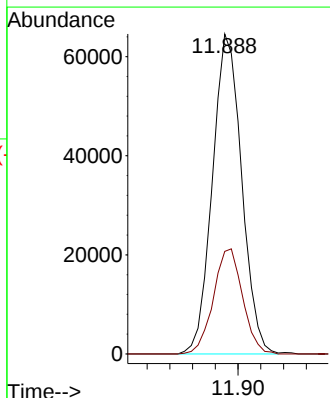
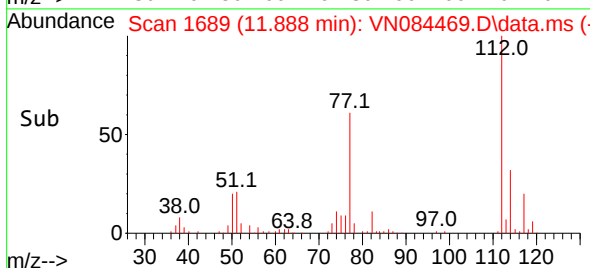
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024

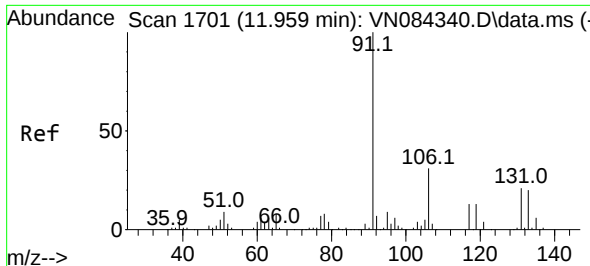


#64
Chlorobenzene
Concen: 18.980 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26



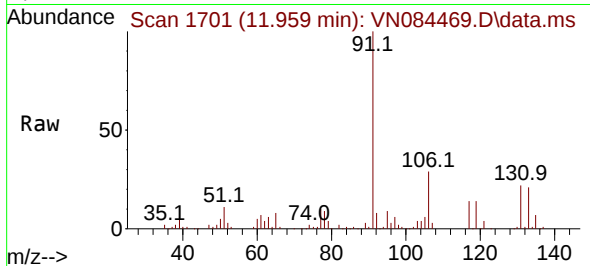
Tgt Ion:112 Resp: 115407
Ion Ratio Lower Upper
112 100
114 32.1 25.1 37.7





#65
1,1,1,2-Tetrachloroethane
Concen: 20.449 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

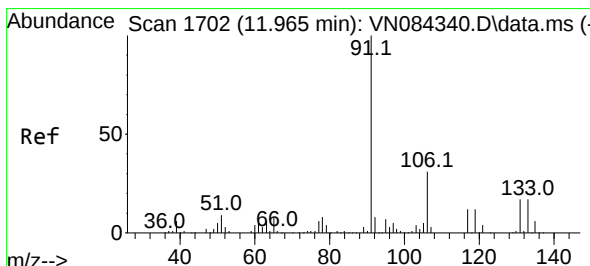
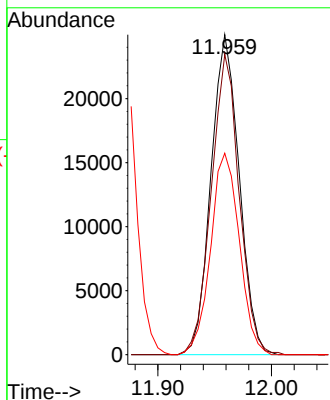
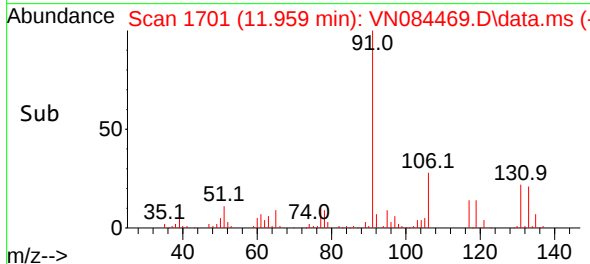
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:131 Resp: 43197
Ion Ratio Lower Upper
131 100
133 93.1 0.0 190.4
119 64.1 0.0 130.0

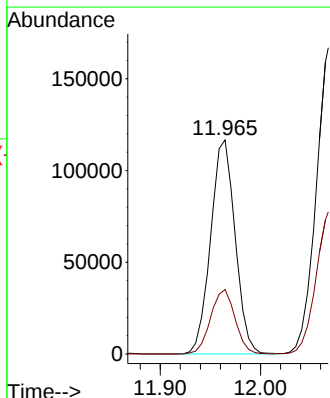
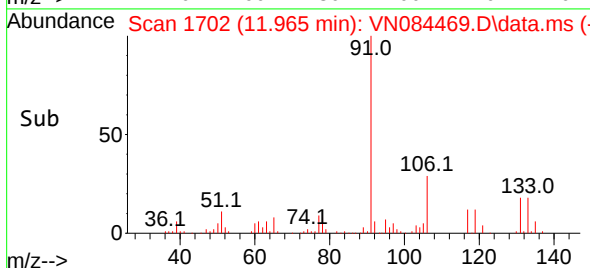
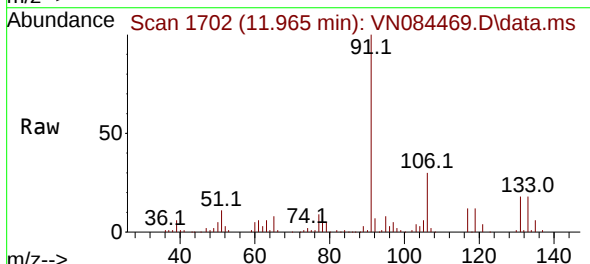
Manual Integrations
APPROVED

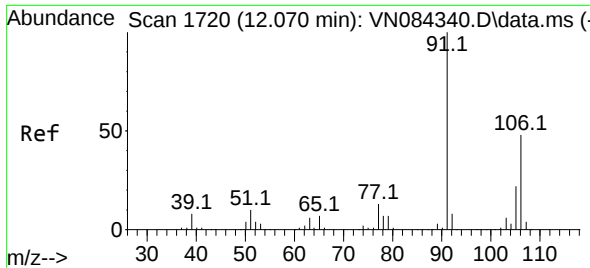
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#66
Ethyl Benzene
Concen: 18.674 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

Tgt Ion: 91 Resp: 198241
Ion Ratio Lower Upper
91 100
106 30.1 25.2 37.8





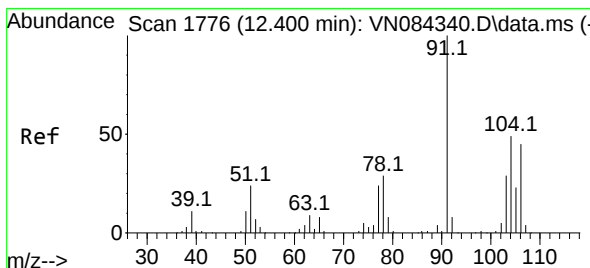
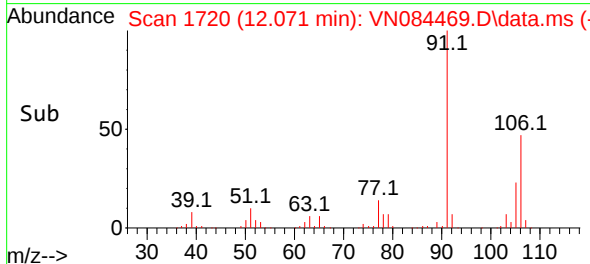
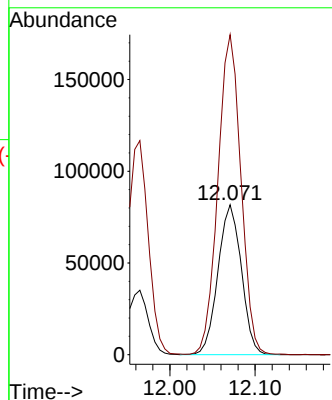
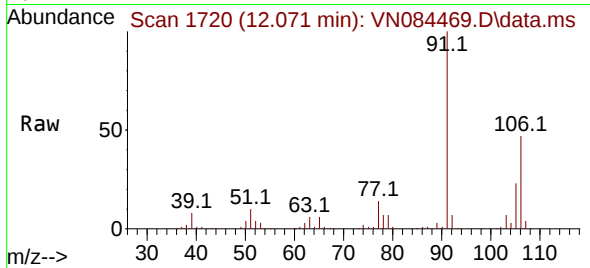
#67
m/p-Xylenes
Concen: 38.697 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 155839
Ion Ratio Lower Upper
106 100
91 209.5 166.7 250.1

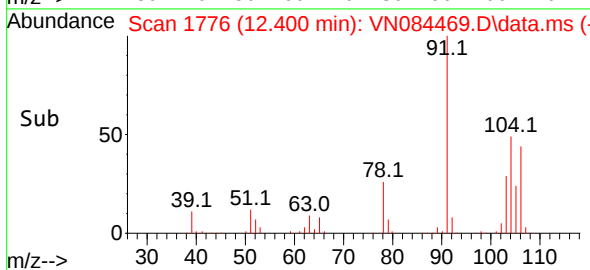
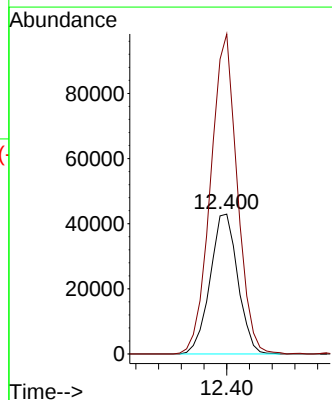
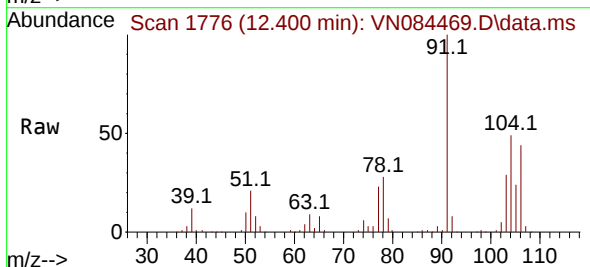
Manual Integrations
APPROVED

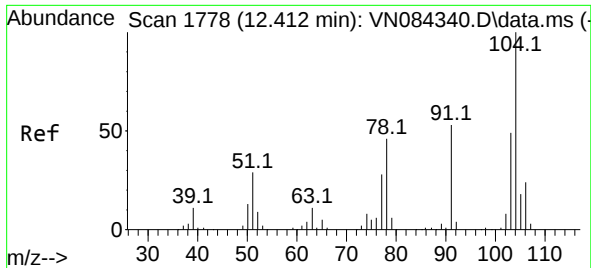
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#68
o-Xylene
Concen: 18.712 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

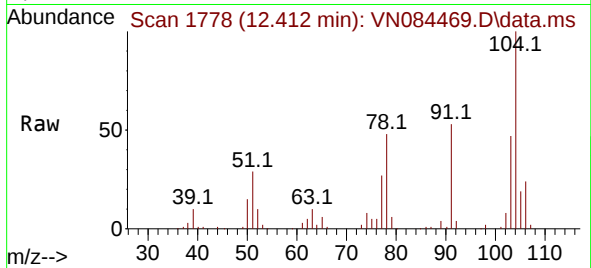
Tgt Ion:106 Resp: 72636
Ion Ratio Lower Upper
106 100
91 220.0 110.9 332.9





#69
Styrene
Concen: 19.049 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

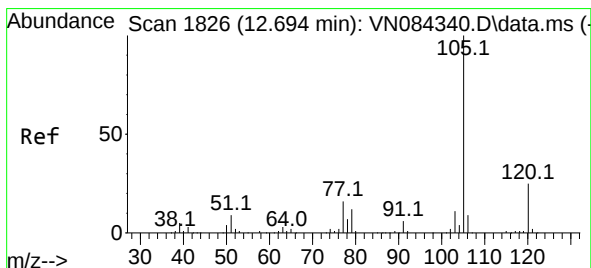
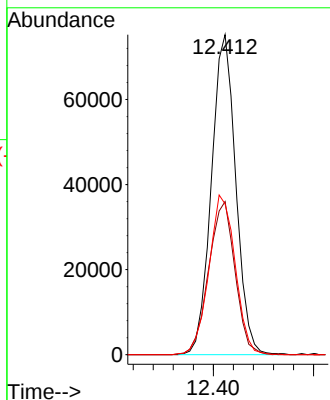
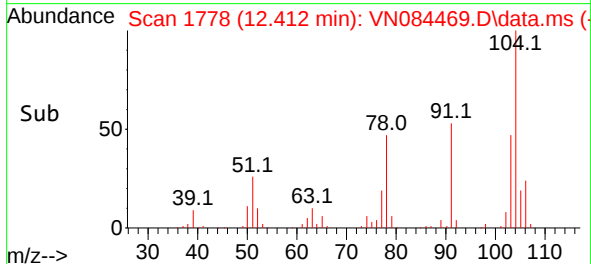
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



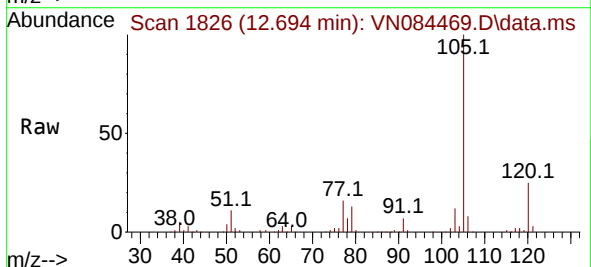
Tgt Ion:104 Resp: 126935
Ion Ratio Lower Upper
104 100
78 51.6 41.6 62.4
103 53.9 44.4 66.6

Manual Integrations
APPROVED

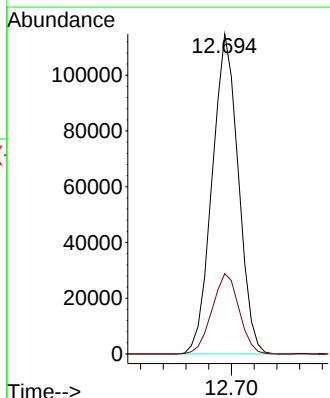
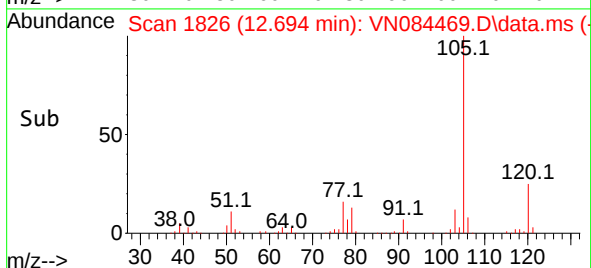
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024

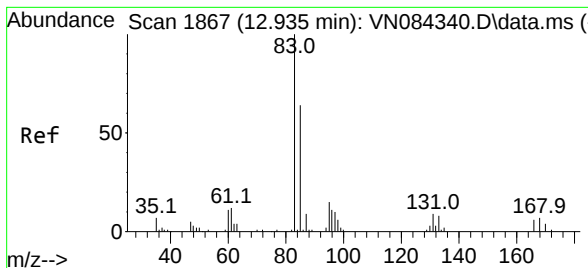


#70
Isopropylbenzene
Concen: 18.562 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26



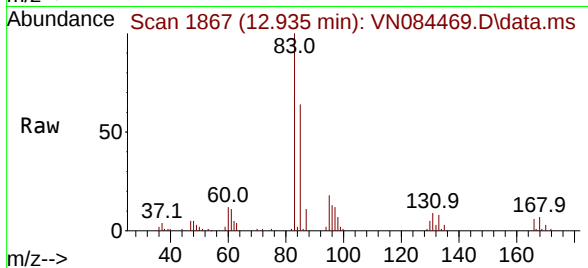
Tgt Ion:105 Resp: 183946
Ion Ratio Lower Upper
105 100
120 25.9 17.4 32.4





#71
1,1,2,2-Tetrachloroethane
Concen: 19.569 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

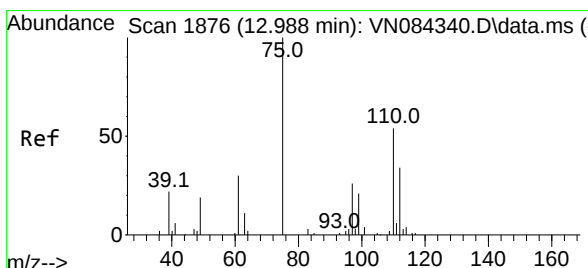
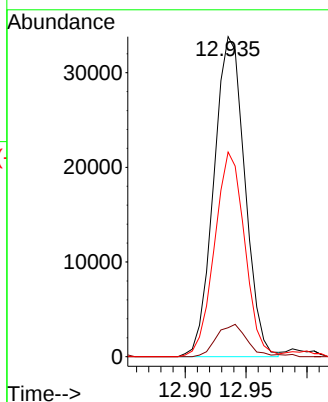
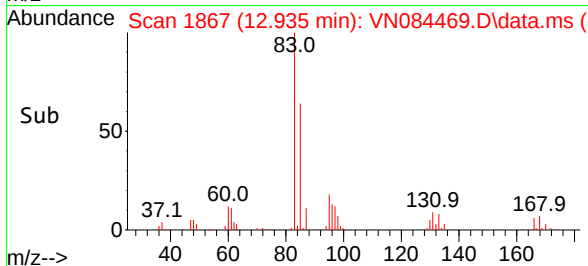
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 83 Resp: 59990
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.3
85 62.2 32.0 96.2

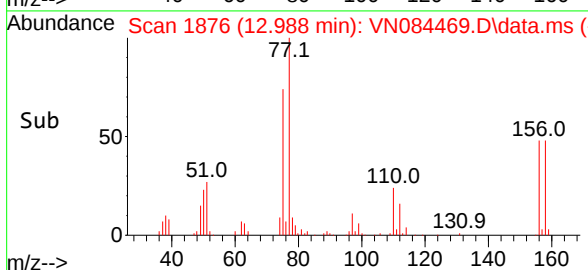
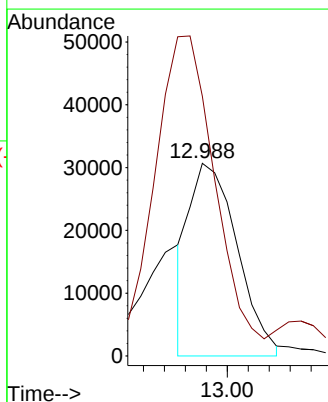
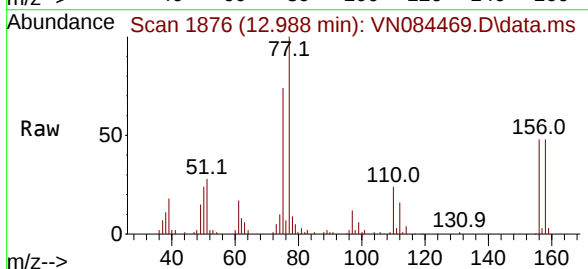
Manual Integrations
APPROVED

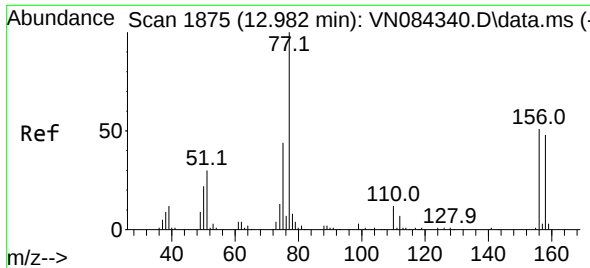
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#72
1,2,3-Trichloropropane
Concen: 18.553 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

Tgt Ion: 75 Resp: 48710
Ion Ratio Lower Upper
75 100
77 212.8 0.0 414.0





#73
Bromobenzene
Concen: 19.005 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

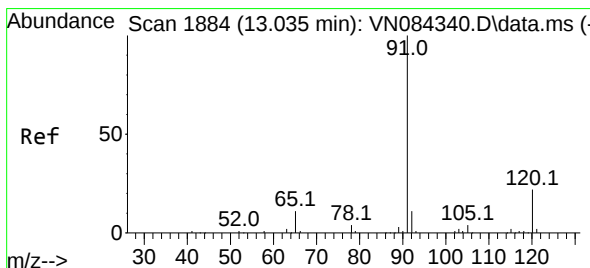
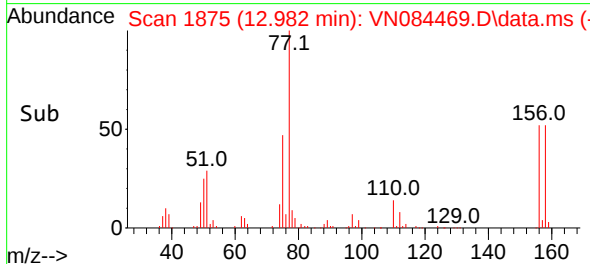
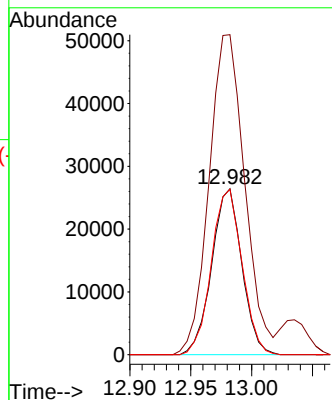
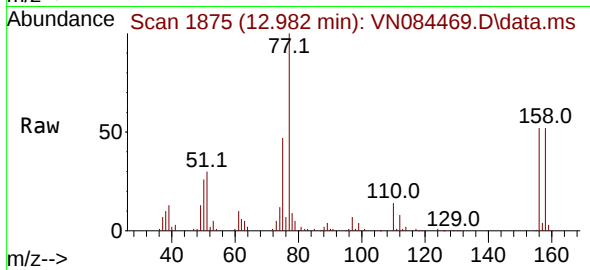
VSTDCCC020

Tgt Ion:156 Resp: 45610
Ion Ratio Lower Upper
156 100
77 227.2 0.0 451.0
158 101.2 0.0 194.6

Manual Integrations

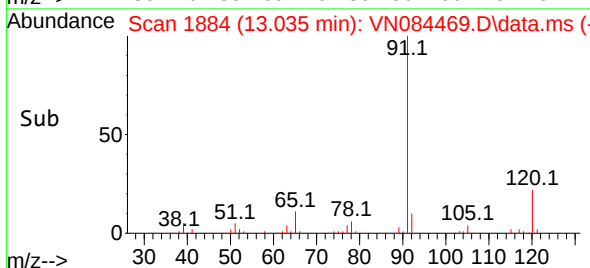
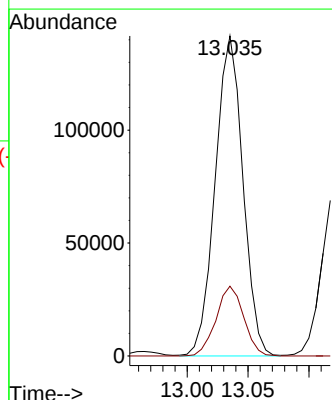
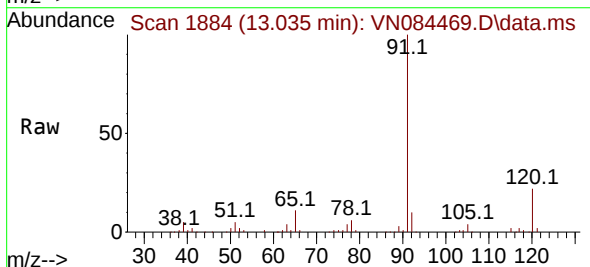
APPROVED

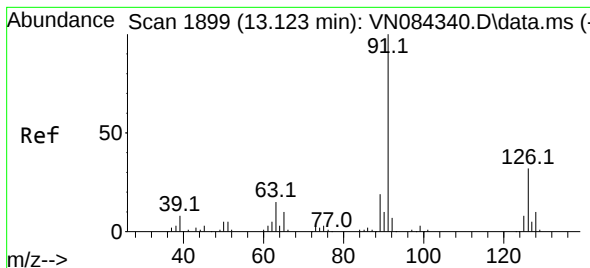
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#74
n-propylbenzene
Concen: 19.015 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

Tgt Ion: 91 Resp: 224542
Ion Ratio Lower Upper
91 100
120 21.7 0.0 43.2





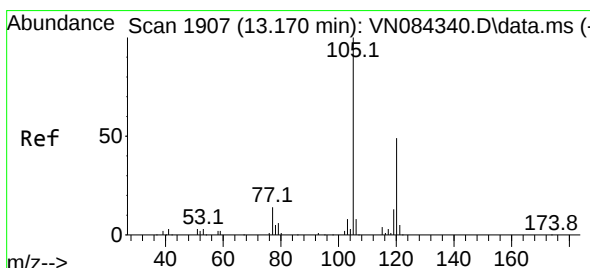
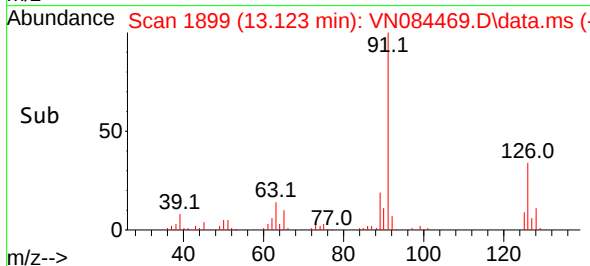
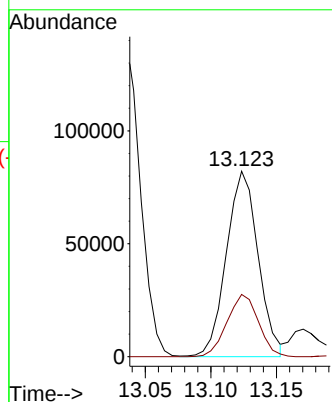
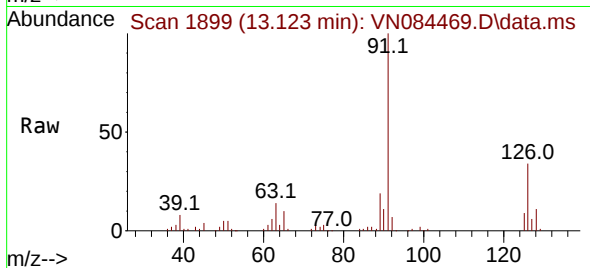
#75
2-Chlorotoluene
Concen: 18.872 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 13848
Ion Ratio Lower Upper
91 100
126 33.1 0.0 64.0

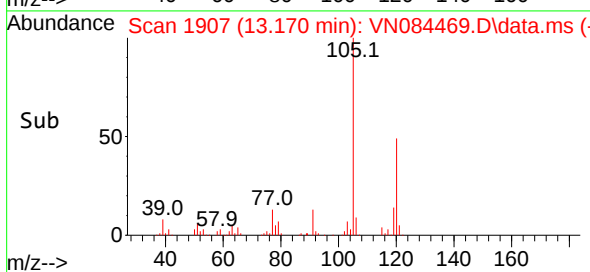
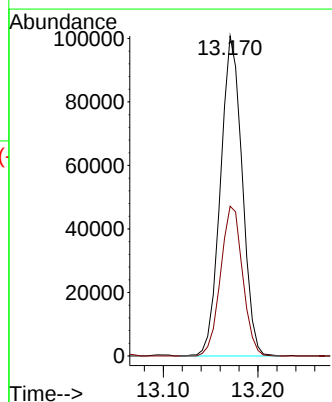
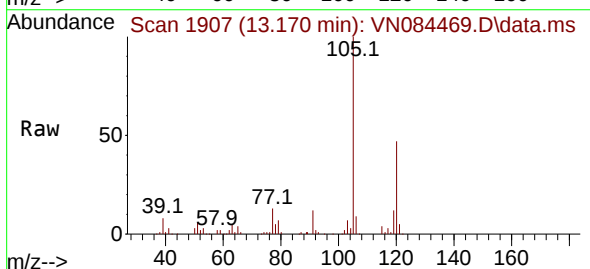
Manual Integrations
APPROVED

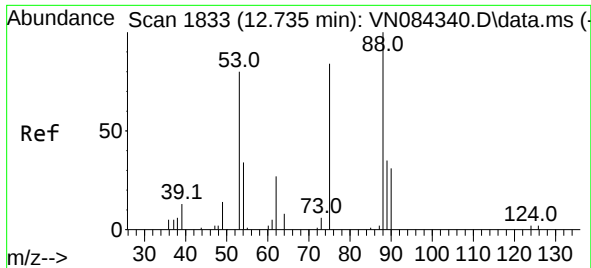
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#76
1,3,5-Trimethylbenzene
Concen: 19.230 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

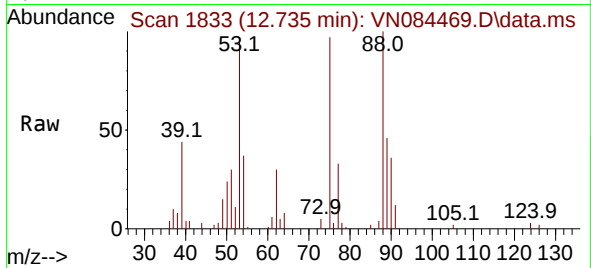
Tgt Ion:105 Resp: 160452
Ion Ratio Lower Upper
105 100
120 47.5 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 17.098 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

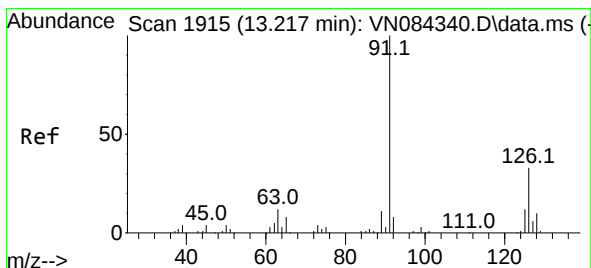
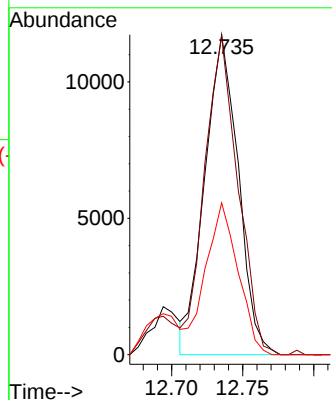
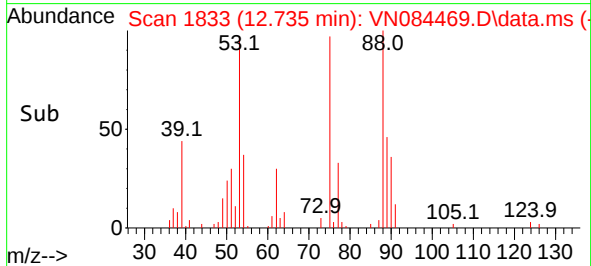
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 1918
Ion Ratio Lower Upper
75 100
53 99.5 47.3 142.0
89 47.4 22.9 68.8

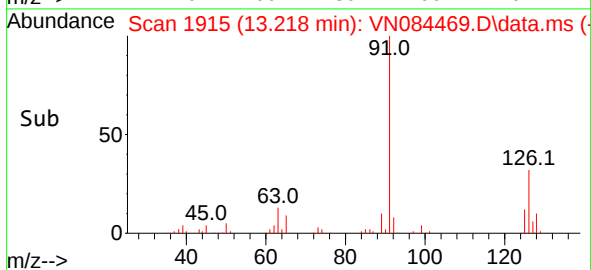
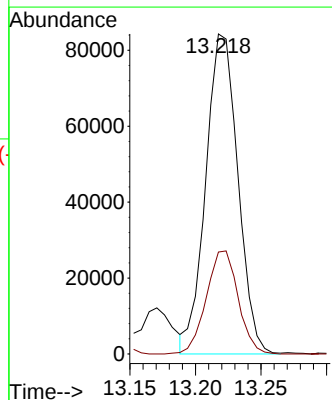
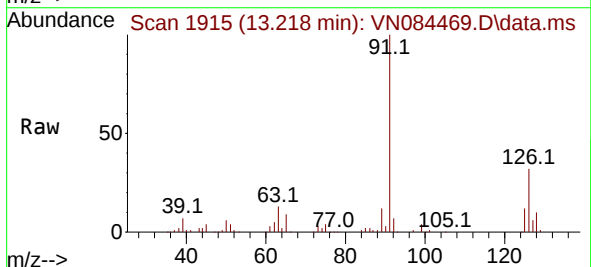
Manual Integrations
APPROVED

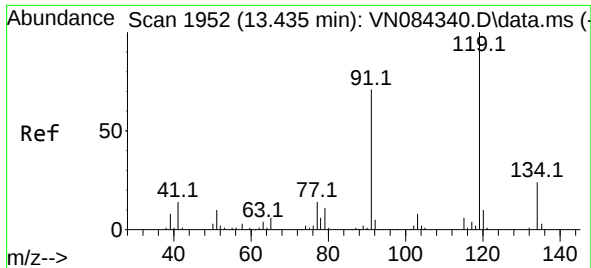
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#78
4-Chlorotoluene
Concen: 19.289 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

Tgt Ion: 91 Resp: 143904
Ion Ratio Lower Upper
91 100
126 31.9 0.0 62.4





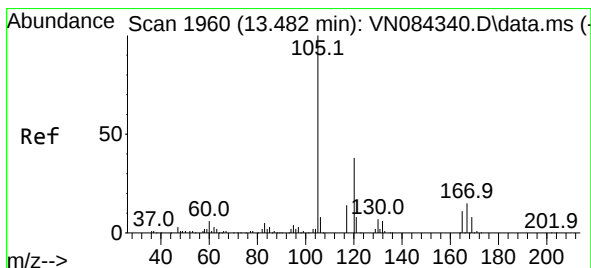
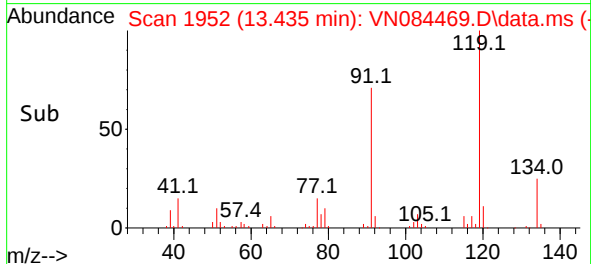
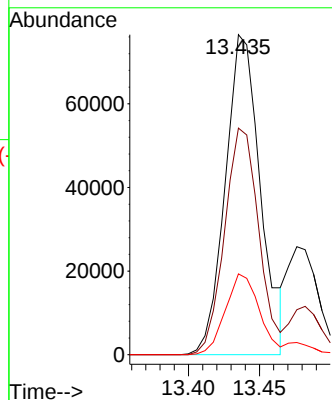
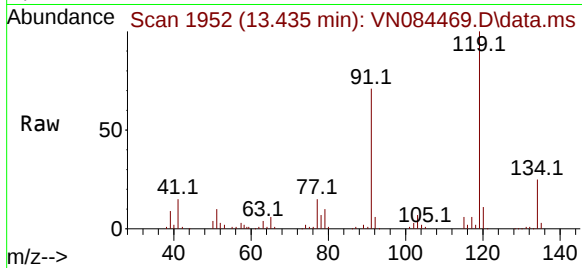
#79
tert-butylbenzene
Concen: 18.519 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:119 Resp: 13182
Ion Ratio Lower Upper
119 100
91 69.0 0.0 138.0
134 24.3 0.0 48.8

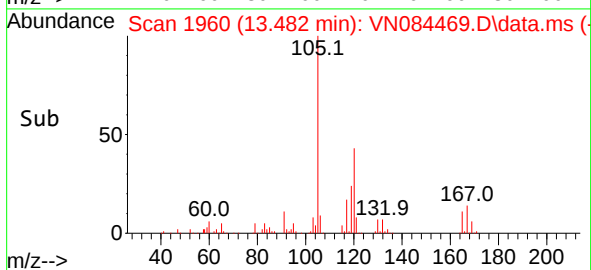
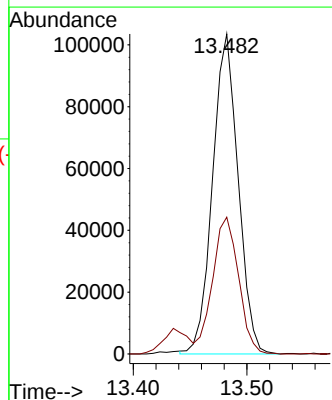
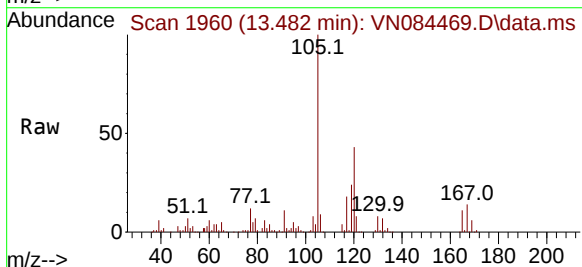
Manual Integrations
APPROVED

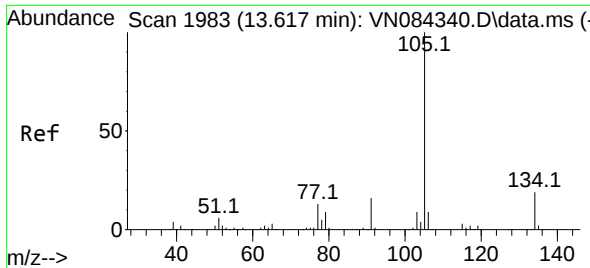
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#80
1,2,4-Trimethylbenzene
Concen: 19.118 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

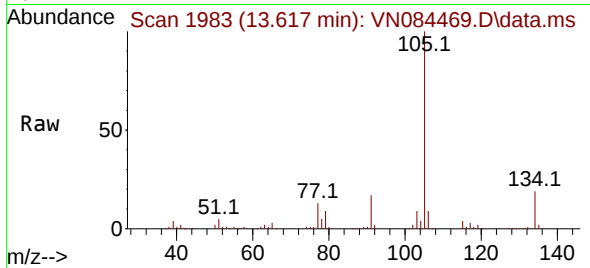
Tgt Ion:105 Resp: 161851
Ion Ratio Lower Upper
105 100
120 43.5 0.0 88.8





#81
 sec-Butylbenzene
 Concen: 18.822 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN084469.D
 Acq: 23 Oct 2024 13:26

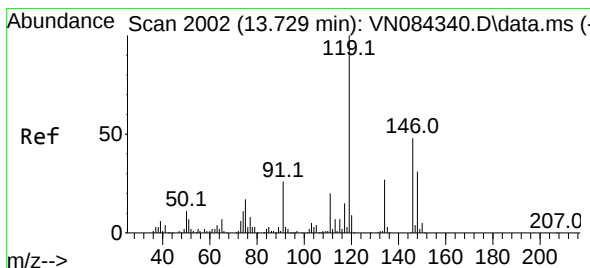
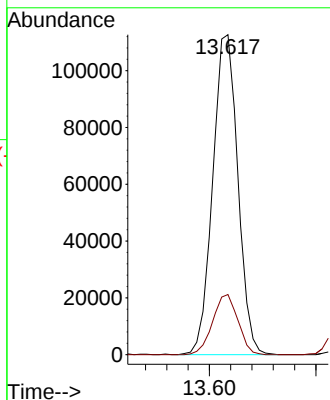
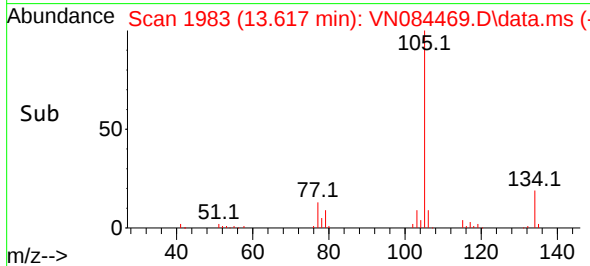
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



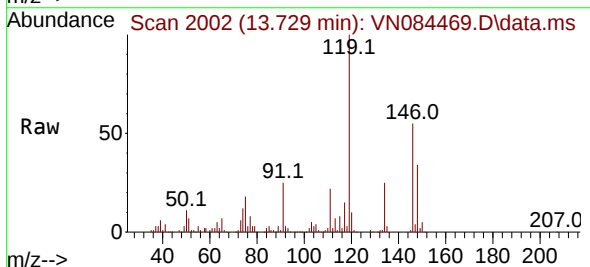
Tgt Ion:105 Resp: 184458
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 38.0

Manual Integrations
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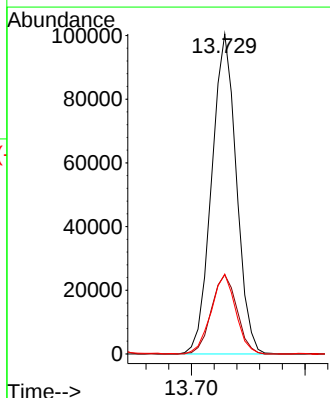
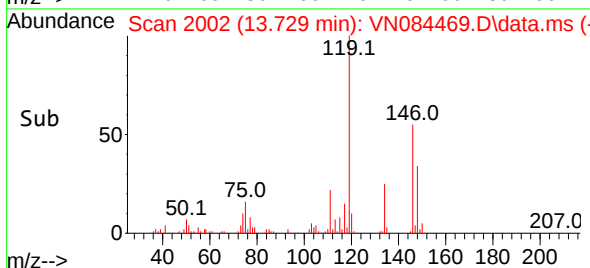
Reviewed By :Semsettin Yesilyurt 10/24/2024
 Supervised By :Mahesh Dadoda 10/24/2024

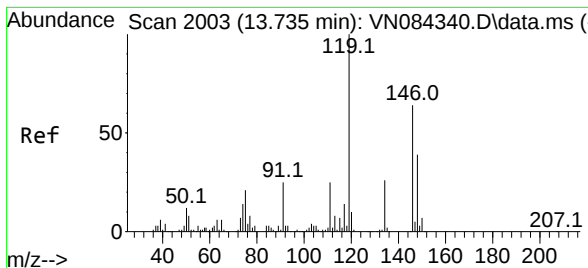


#82
 p-Isopropyltoluene
 Concen: 18.417 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084469.D
 Acq: 23 Oct 2024 13:26



Tgt Ion:119 Resp: 151922
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 50.2
 91 24.7 0.0 50.6





#83

1,3-Dichlorobenzene

Concen: 19.541 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.006 min

Lab File: VN084469.D

Acq: 23 Oct 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

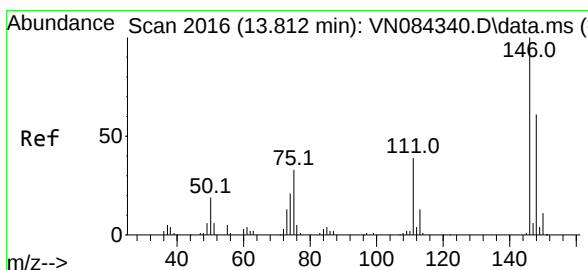
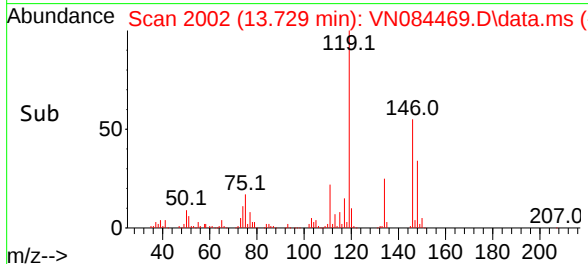
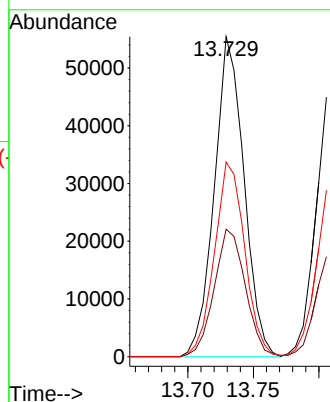
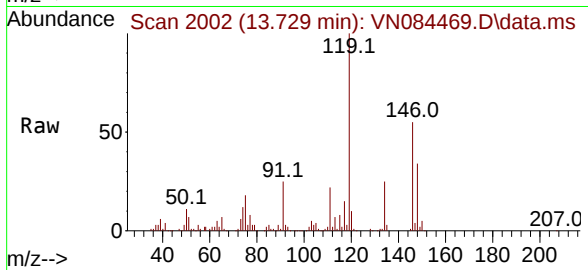
Tgt Ion:146 Resp: 8720

Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.6	61.9
148	62.0	31.6	94.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#84

1,4-Dichlorobenzene

Concen: 18.906 ug/l

RT: 13.812 min Scan# 2016

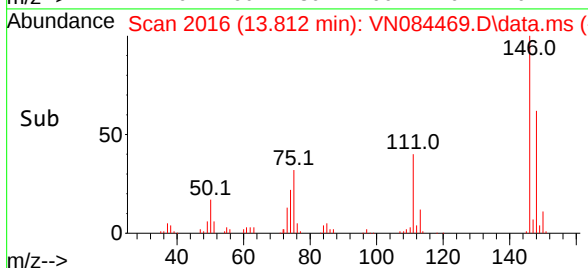
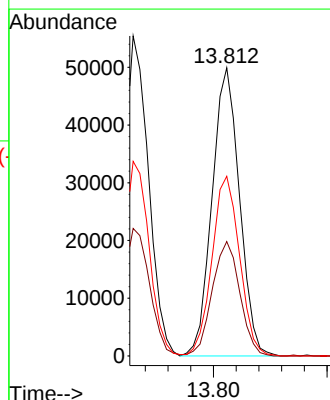
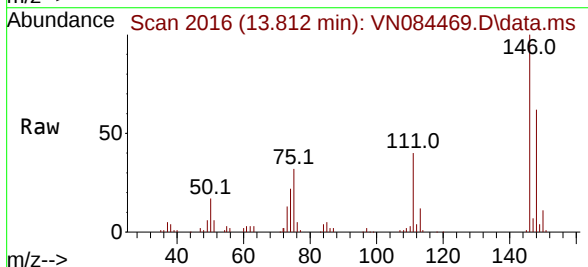
Delta R.T. 0.000 min

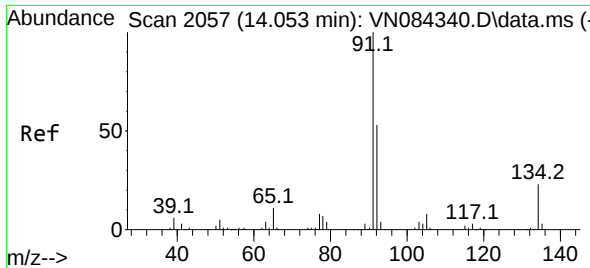
Lab File: VN084469.D

Acq: 23 Oct 2024 13:26

Tgt Ion:146 Resp: 83778

Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.5	61.5
148	62.8	32.5	97.4





#85
n-Butylbenzene
Concen: 16.932 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

Instrument :

MSVOA_N

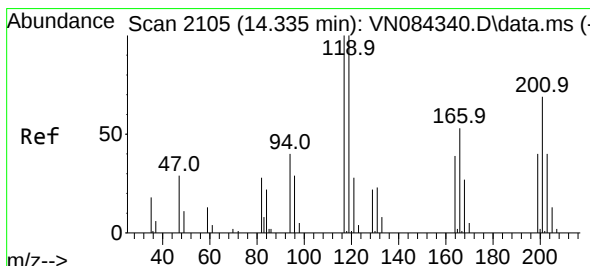
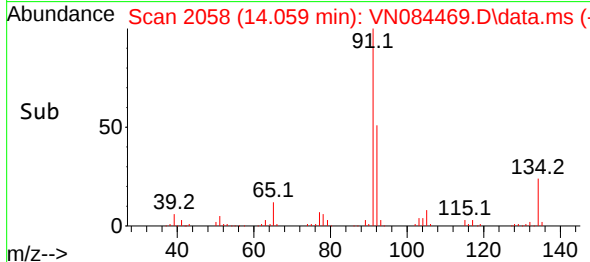
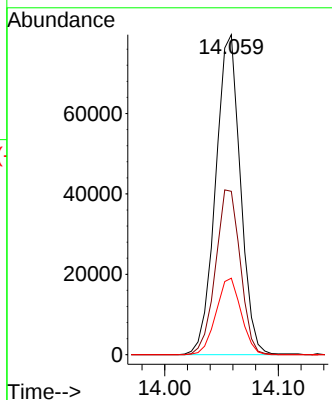
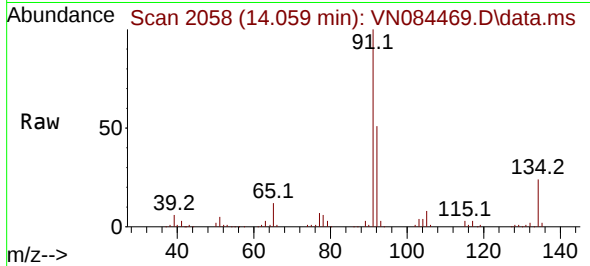
ClientSampleId :

VSTDCCC020

Tgt Ion: 91 Resp: 12097
Ion Ratio Lower Upper
91 100
92 51.4 0.0 103.4
134 24.1 0.0 48.0

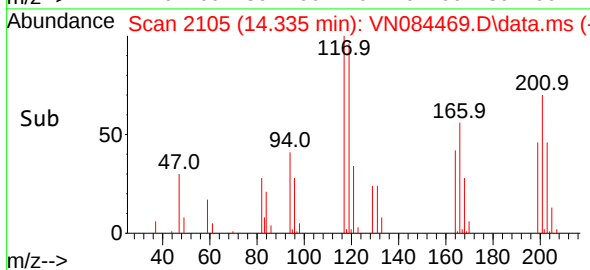
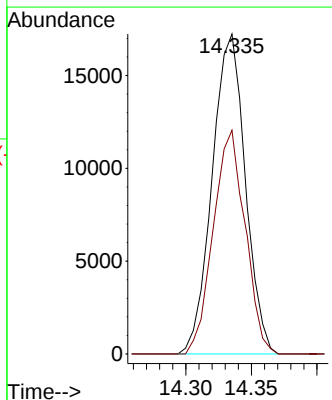
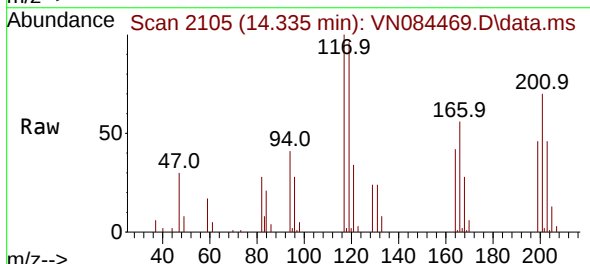
Manual Integrations
APPROVED

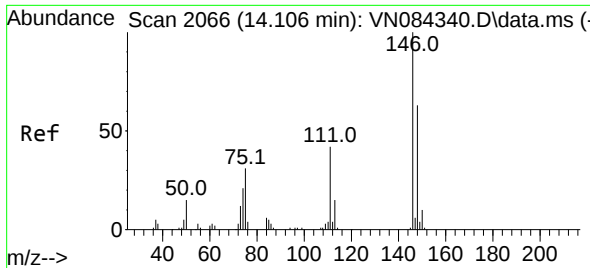
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#86
Hexachloroethane
Concen: 19.072 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

Tgt Ion:117 Resp: 30310
Ion Ratio Lower Upper
117 100
201 67.2 33.9 101.6





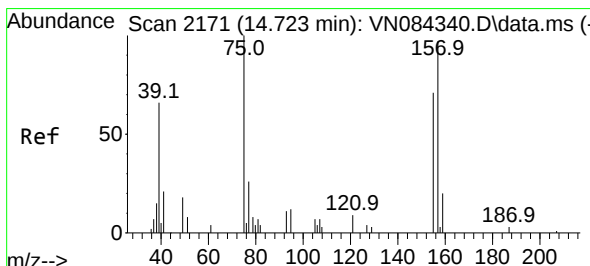
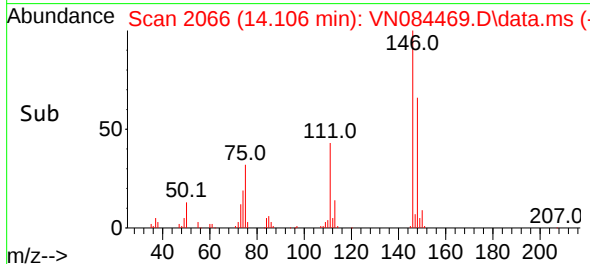
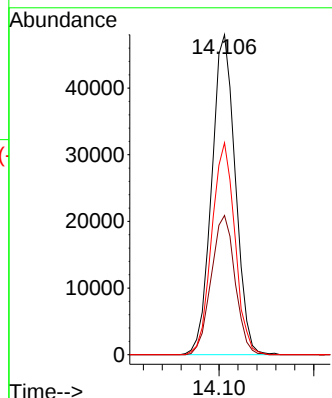
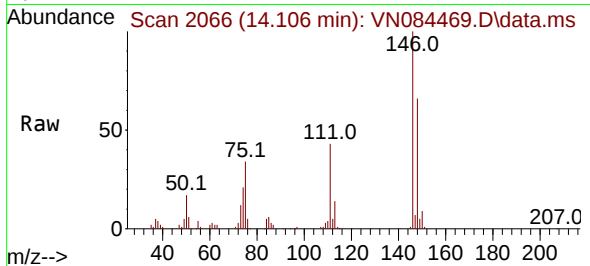
#87
1,2-Dichlorobenzene
Concen: 19.299 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:146 Resp: 8326
Ion Ratio Lower Upper
146 100
111 43.9 21.9 65.5
148 65.0 31.1 93.5

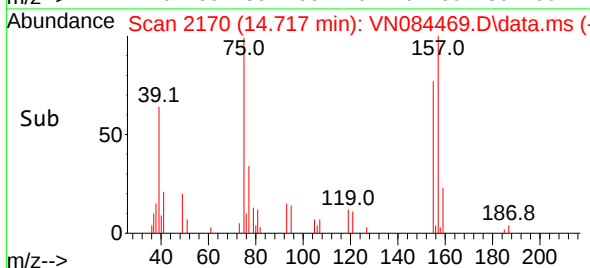
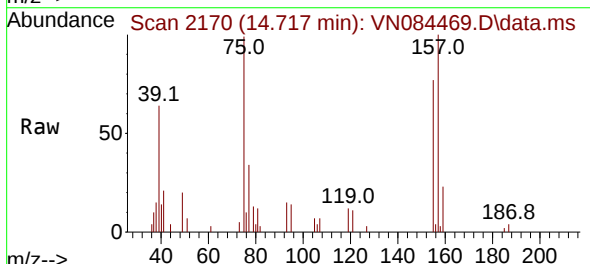
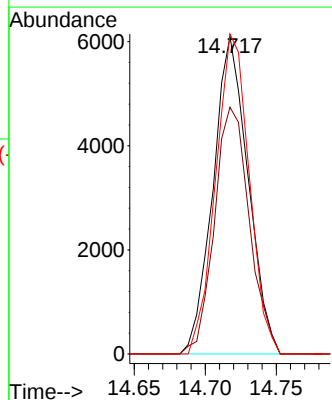
Manual Integrations
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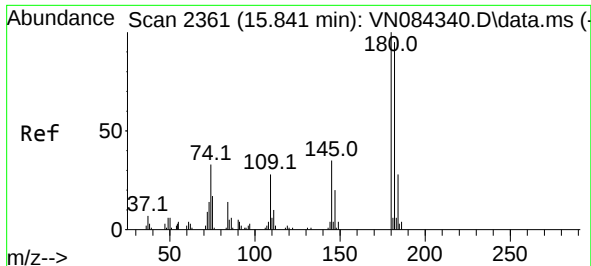
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 16.680 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

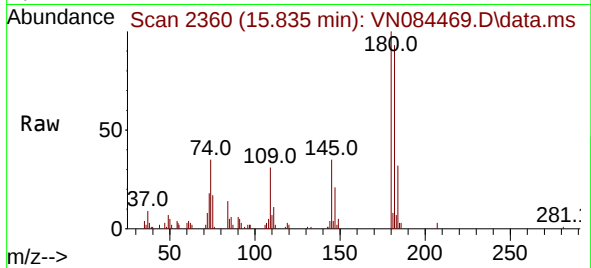
Tgt Ion: 75 Resp: 10457
Ion Ratio Lower Upper
75 100
155 77.5 61.8 92.8
157 96.5 77.4 116.0





#89
1,2,4-Trichlorobenzene
Concen: 16.062 ug/l
RT: 15.835 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

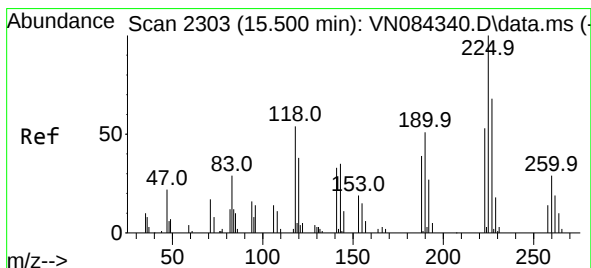
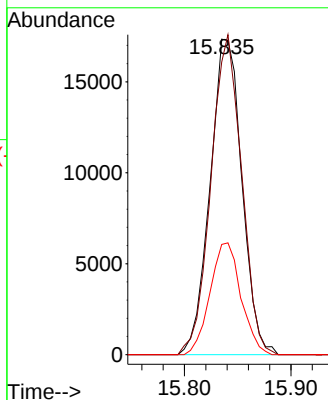
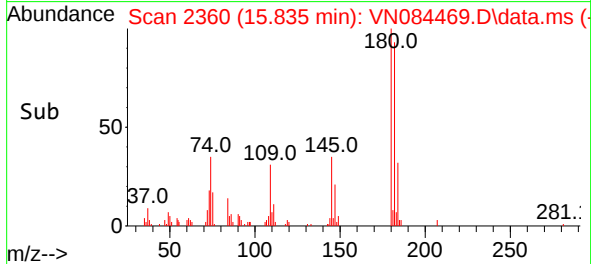
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



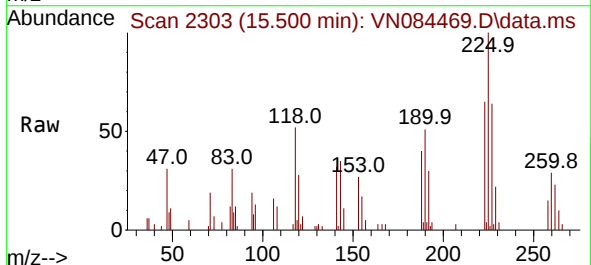
Tgt Ion:180 Resp: 3603
Ion Ratio Lower Upper
180 100
182 97.5 77.8 116.6
145 34.4 28.9 43.3

Manual Integrations
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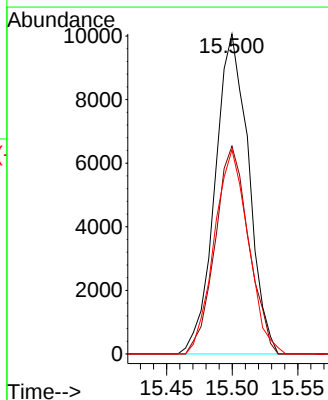
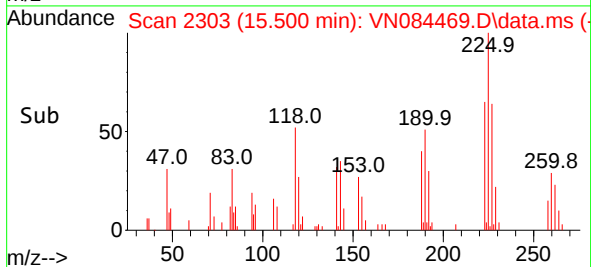
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024

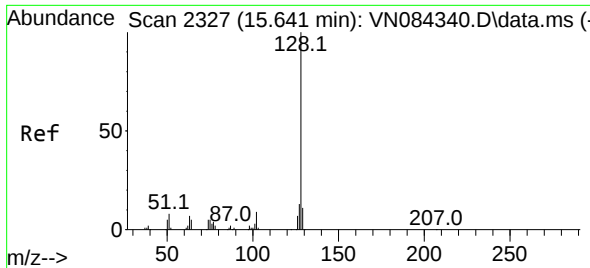


#90
Hexachlorobutadiene
Concen: 17.240 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26



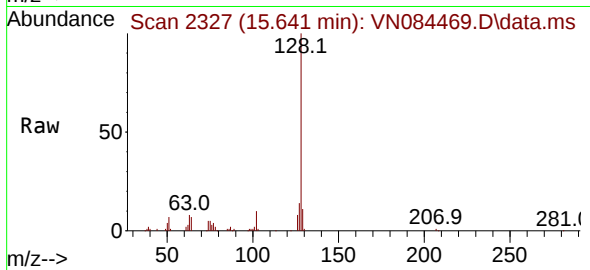
Tgt Ion:225 Resp: 17891
Ion Ratio Lower Upper
225 100
223 65.0 0.0 124.0
227 64.8 0.0 130.8





#91
Naphthalene
Concen: 13.809 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26

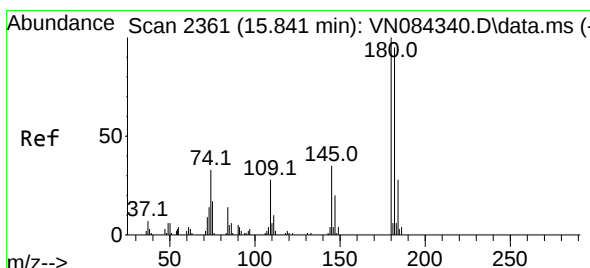
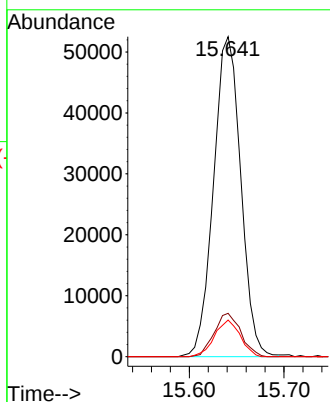
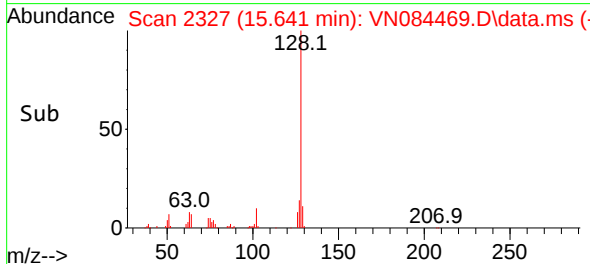
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



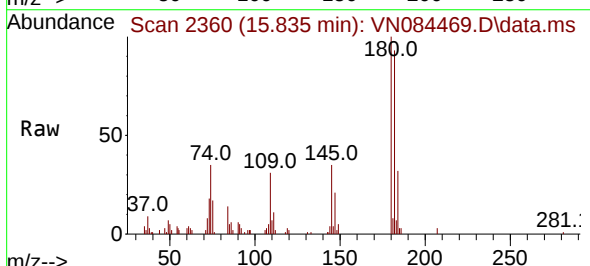
Tgt Ion:128 Resp: 10497
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#92
1,2,3-Trichlorobenzene
Concen: 16.062 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN084469.D
Acq: 23 Oct 2024 13:26



Tgt Ion:180 Resp: 36031
Ion Ratio Lower Upper
180 100
182 97.5 0.0 194.4
145 34.4 0.0 72.2

