

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103124\
 Data File : VN084621.D
 Acq On : 31 Oct 2024 15:49
 Operator : JC\MD
 Sample : VN1031WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031WBSD01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/04/2024
 Supervised By : Mahesh Dadoda 11/04/2024

Quant Time: Nov 01 02:48:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	32646	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	182685	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	167999	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	79275	30.205	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.700%			
60) 4-Bromofluorobenzene	12.847	95	84456	29.197	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.333%			
63) Toluene-d8	10.565	98	233505	29.360	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 97.867%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	38985	20.532	ug/l	95
3) Chloromethane	2.359	50	46257	20.234	ug/l	99
4) Vinyl Chloride	2.512	62	42525	20.032	ug/l	92
5) Bromomethane	2.900	94	22376	20.768	ug/l	100
6) Chloroethane	3.065	64	28556	20.488	ug/l	95
7) Trichlorofluoromethane	3.465	101	71406	20.712	ug/l	99
8) Diethyl Ether	3.953	74	25474	20.715	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.353	101	40541	20.808	ug/l	99
10) 1,1-Dichloroethene	4.324	96	39157	20.581	ug/l	95
11) Methyl Iodide	4.571	142	53170	20.333	ug/l	92
12) Methyl Acetate	5.024	43	56139	18.930	ug/l	96
13) Acrolein	4.177	56	37462	102.437	ug/l	100
14) Acrylonitrile	5.724	53	97670	100.673	ug/l	99
15) Acetone	4.430	58	27180	109.034	ug/l	85
16) Carbon Disulfide	4.700	76	113085	20.200	ug/l	99
17) Allyl chloride	5.012	41	66114	20.394	ug/l	96
18) Methylene Chloride	5.265	84	45208	20.277	ug/l	95
19) trans-1,2-Dichloroethene	5.783	96	40300	20.209	ug/l	92
20) Diisopropyl ether	6.671	45	133508	20.572	ug/l	97
21) 1,1-Dichloroethane	6.559	63	78145	20.023	ug/l	99
22) cis-1,2-Dichloroethene	7.483	96	48039	20.177	ug/l	97
23) tert-Butyl Alcohol	5.536	59	37032m	109.336	ug/l	
24) Methyl tert-Butyl Ether	5.789	73	127042	20.649	ug/l	99
25) Chloroform	7.959	83	80528	20.139	ug/l	95
26) Cyclohexane	8.253	56	64909	21.773	ug/l #	95
29) 1,1-Dichloropropene	8.365	75	54654	19.862	ug/l	99
30) 2-Butanone	7.483	43	125147	98.597	ug/l	98
31) 2,2-Dichloropropane	7.483	77	70080	20.864	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	74479	19.923	ug/l	99
33) Carbon Tetrachloride	8.359	117	63277	19.837	ug/l	99
34) Benzene	8.606	78	177177	19.480	ug/l	94
35) Methacrylonitrile	7.777	41	28441	18.906	ug/l	97
36) 1,2-Dichloroethane	8.665	62	58249	19.259	ug/l	100
37) Trichloroethene	9.353	130	40196	19.591	ug/l	91
38) Methylcyclohexane	9.600	83	59338	20.032	ug/l	99
39) 1,2-Dichloropropane	9.618	63	44012	20.103	ug/l	93
40) Dibromomethane	9.706	93	29895	19.519	ug/l	98
41) Bromodichloromethane	9.888	83	63485	19.335	ug/l	95
42) Vinyl Acetate	6.600	43	477204	100.583	ug/l	100

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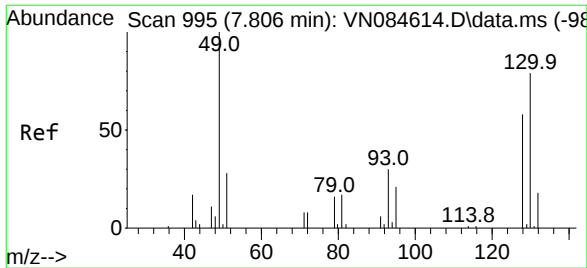
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 11/04/2024
 Supervised By :Mahesh Dadoda 11/04/2024

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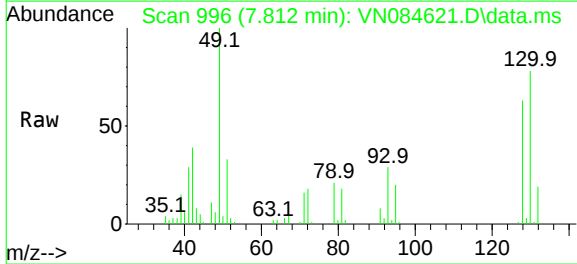
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	52620	19.730	ug/l	100
44) Isopropyl Acetate	8.688	43	94921	17.576	ug/l	97
45) 1,4-Dioxane	9.694	88	15679	434.863	ug/l #	85
46) Methyl methacrylate	9.682	41	41700	19.214	ug/l	91
47) n-amyl Acetate	12.494	43	80970	20.075	ug/l	95
48) t-1,3-Dichloropropene	10.835	75	63914	19.713	ug/l	96
49) cis-1,3-Dichloropropene	10.312	75	69450	19.987	ug/l	95
50) 1,1,2-Trichloroethane	11.018	97	40510	19.718	ug/l	95
51) Ethyl methacrylate	10.876	69	63630	20.093	ug/l	94
52) 1,3-Dichloropropane	11.159	76	70880	19.876	ug/l	99
53) Dibromochloromethane	11.359	129	48005	19.967	ug/l	97
54) 1,2-Dibromoethane	11.465	107	40593	19.536	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	154220	99.331	ug/l	99
56) Bromoform	12.576	173	31835	19.755	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	267088	100.773	ug/l	100
59) 2-Hexanone	11.194	43	196936	101.473	ug/l	99
61) Tetrachloroethene	11.100	164	34684	19.727	ug/l	97
62) Toluene	10.629	91	186269	19.467	ug/l	99
64) Chlorobenzene	11.888	112	115588	20.010	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	41286	19.448	ug/l	98
66) Ethyl Benzene	11.965	91	195795	19.471	ug/l	94
67) m/p-Xylenes	12.070	106	152197	39.532	ug/l	100
68) o-Xylene	12.394	106	74275	20.000	ug/l	96
69) Styrene	12.412	104	126243	20.274	ug/l	98
70) Isopropylbenzene	12.694	105	185047	20.058	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	59950	20.048	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	49762m	19.489	ug/l	
73) Bromobenzene	12.976	156	47545	19.982	ug/l	98
74) n-propylbenzene	13.035	91	216677	20.085	ug/l	100
75) 2-Chlorotoluene	13.123	91	141777	20.181	ug/l	98
76) 1,3,5-Trimethylbenzene	13.170	105	161455	20.483	ug/l	97
77) t-1,4-Dichloro-2-butene	12.735	75	20864	19.923	ug/l	90
78) 4-Chlorotoluene	13.223	91	143411	20.204	ug/l	100
79) tert-butylbenzene	13.435	119	136935	21.007	ug/l	95
80) 1,2,4-Trimethylbenzene	13.482	105	164066	20.632	ug/l	97
81) sec-Butylbenzene	13.612	105	177891	19.805	ug/l	98
82) p-Isopropyltoluene	13.729	119	150744	19.973	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	88108	20.022	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	86946	19.995	ug/l	99
85) n-Butylbenzene	14.053	91	123578	19.495	ug/l	98
86) Hexachloroethane	14.329	117	31385	20.333	ug/l	100
87) 1,2-Dichlorobenzene	14.106	146	87547	20.189	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	12546	21.744	ug/l	98
89) 1,2,4-Trichlorobenzene	15.835	180	42048	19.915	ug/l	99
90) Hexachlorobutadiene	15.500	225	19789	21.456	ug/l	93
91) Naphthalene	15.641	128	132406	19.636	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	42048	19.915	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 995
Delta R.T. 0.006 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

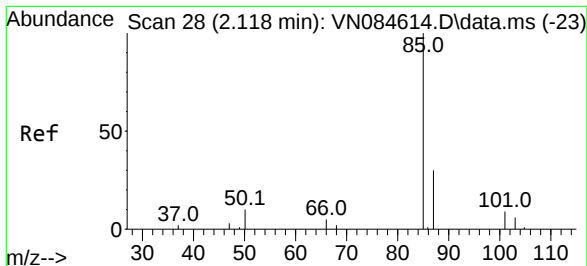
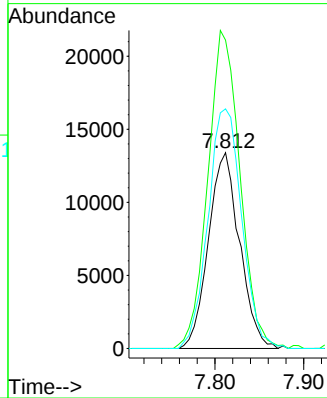
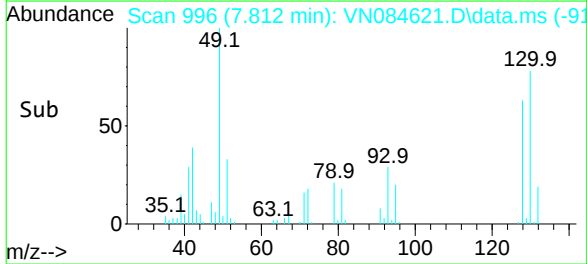
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



Tgt Ion: 128 Resp: 32646
Ion Ratio Lower Upper
128 100
49 167.6 0.0 427.0
130 132.8 0.0 322.2

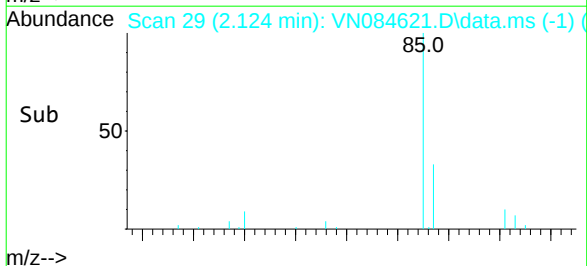
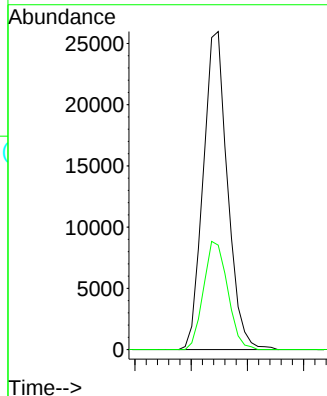
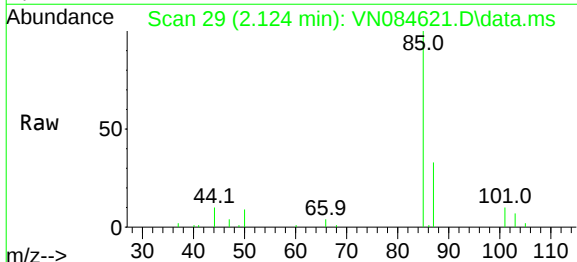
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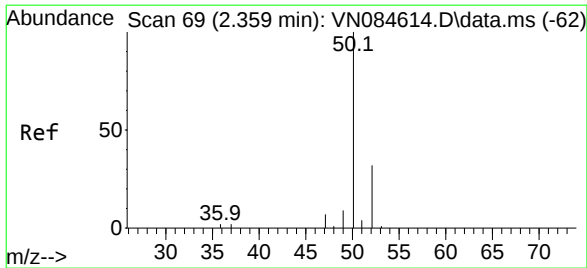
Reviewed By : Semsettin Yesilyurt 11/04/2024
Supervised By : Mahesh Dadoda 11/04/2024



#2
Dichlorodifluoromethane
Concen: 20.532 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.006 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

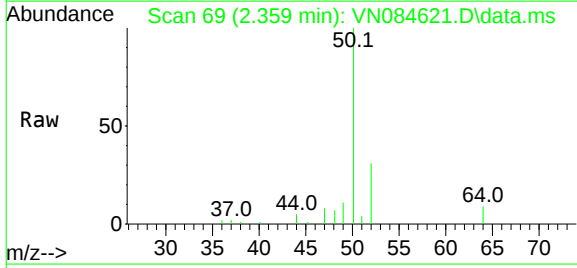
Tgt Ion: 85 Resp: 38985
Ion Ratio Lower Upper
85 100
87 32.8 14.9 44.9





#3
Chloromethane
Concen: 20.234 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

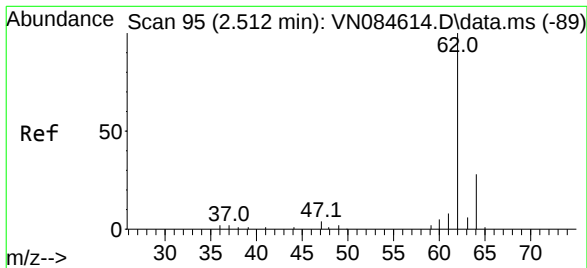
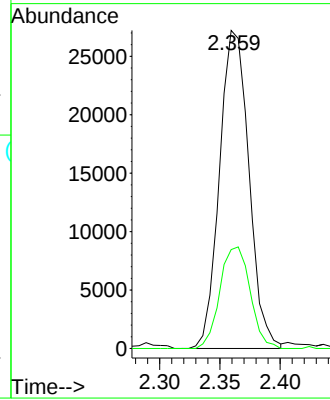
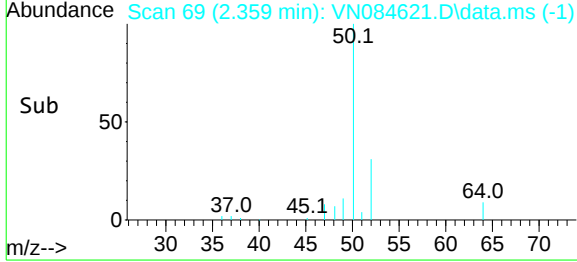
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



Tgt Ion: 50 Resp: 46257
Ion Ratio Lower Upper
50 100
52 31.1 25.5 38.3

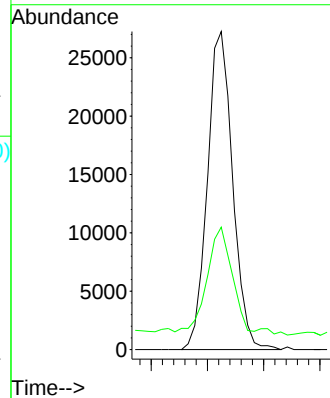
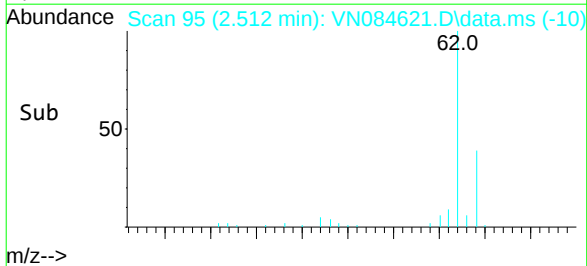
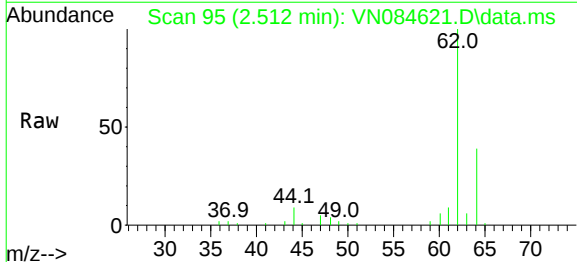
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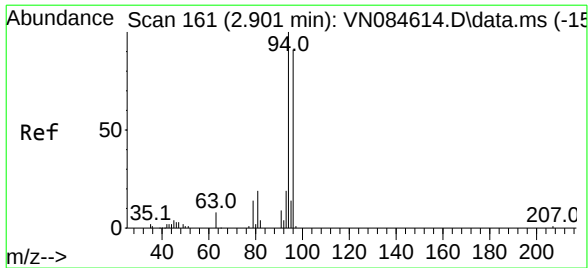
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#4
Vinyl Chloride
Concen: 20.032 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion: 62 Resp: 42525
Ion Ratio Lower Upper
62 100
64 33.0 23.1 34.7





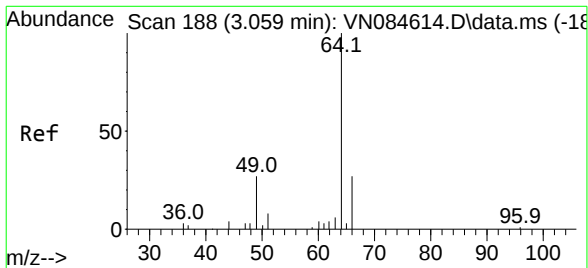
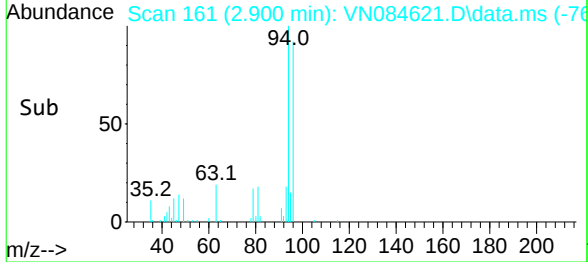
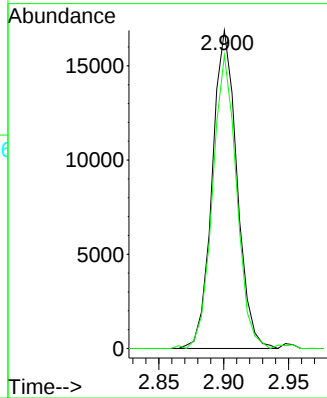
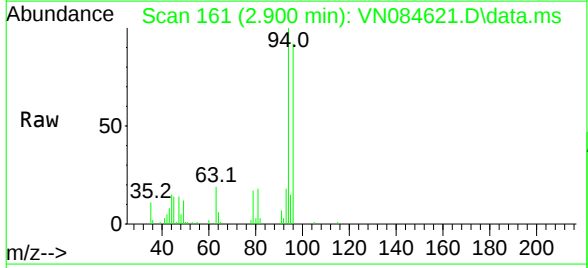
#5
Bromomethane
Concen: 20.768 ug/l
RT: 2.900 min Scan# 161
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

Tgt Ion: 94 Resp: 22376
Ion Ratio Lower Upper
94 100
96 91.3 72.7 109.1

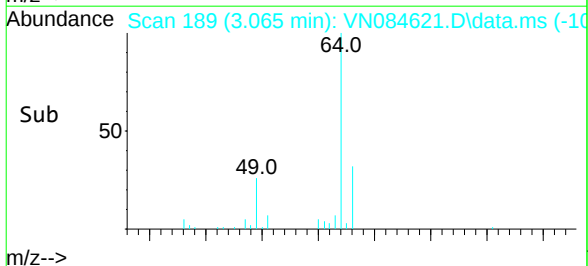
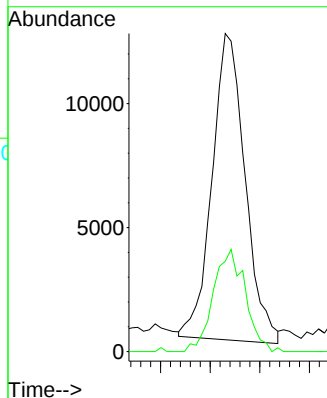
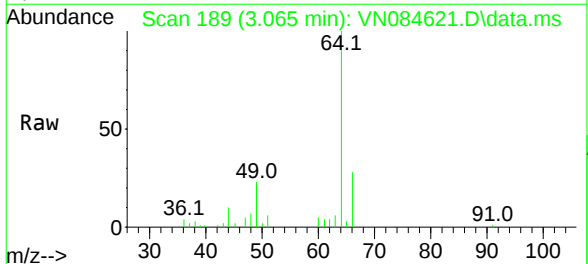
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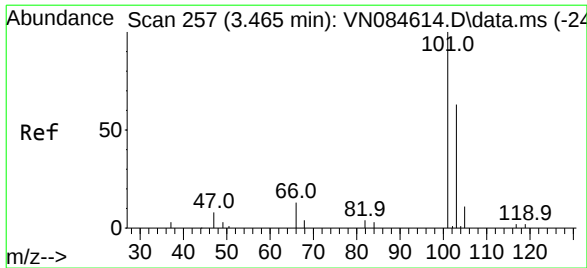
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#6
Chloroethane
Concen: 20.488 ug/l
RT: 3.065 min Scan# 189
Delta R.T. 0.006 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

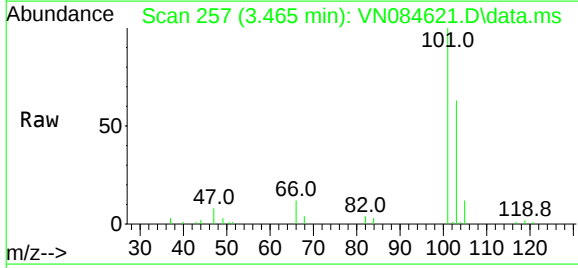
Tgt Ion: 64 Resp: 28556
Ion Ratio Lower Upper
64 100
66 30.2 22.1 33.1





#7
 Trichlorofluoromethane
 Concen: 20.712 ug/l
 RT: 3.465 min Scan# 257
 Delta R.T. -0.000 min
 Lab File: VN084621.D
 Acq: 31 Oct 2024 15:49

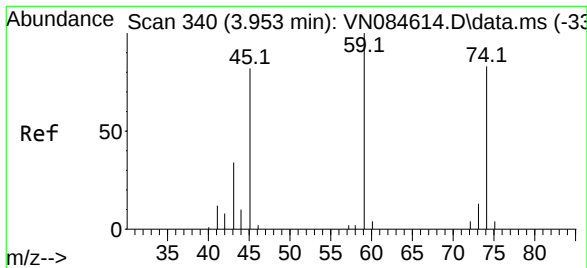
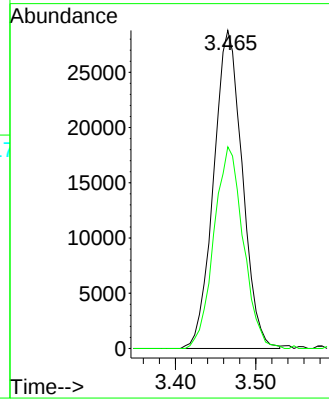
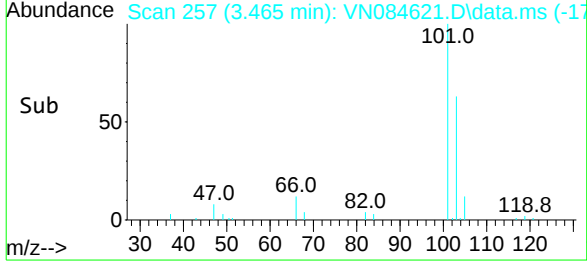
Instrument :
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 ClientSampleId :
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Tgt Ion: 101 Resp: 71406
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.1 75.1

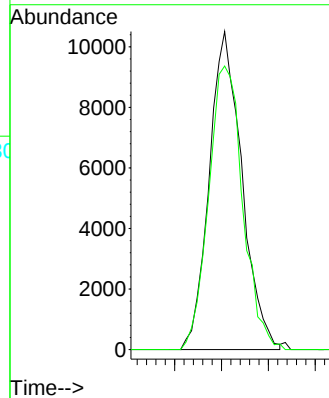
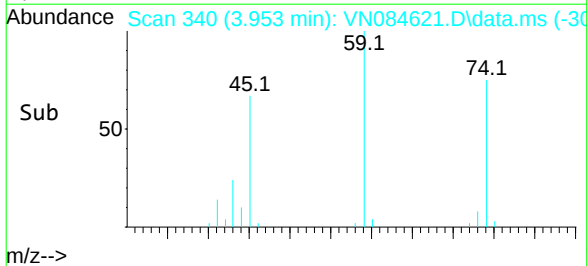
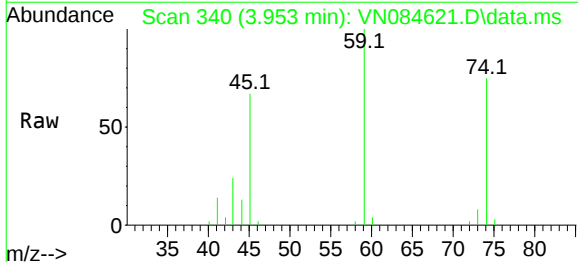
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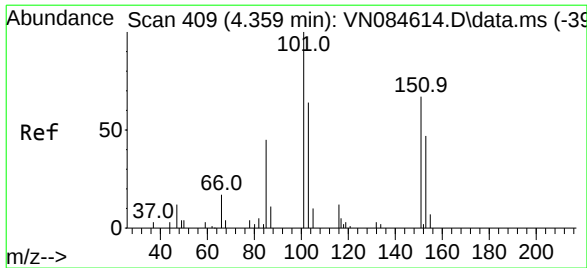
Reviewed By : Semsettin Yesilyurt 11/04/2024
 Supervised By : Mahesh Dadoda 11/04/2024



#8
 Diethyl Ether
 Concen: 20.715 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VN084621.D
 Acq: 31 Oct 2024 15:49

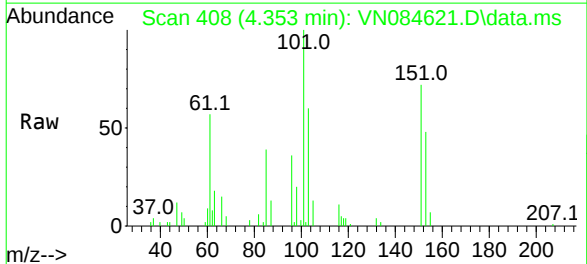
Tgt Ion: 74 Resp: 25474
 Ion Ratio Lower Upper
 74 100
 45 93.0 19.8 178.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.808 ug/l
RT: 4.353 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

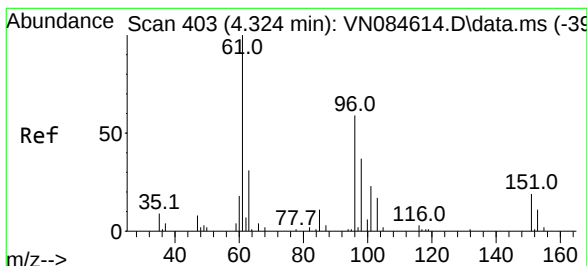
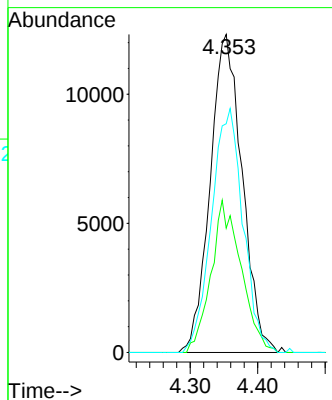
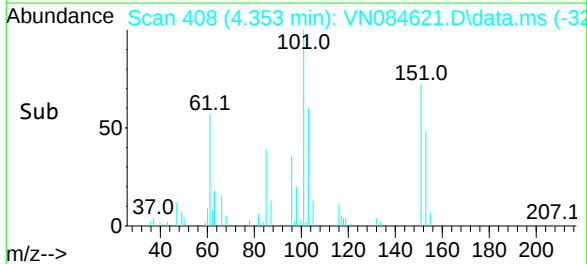
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



Tgt Ion:101 Resp: 40541
Ion Ratio Lower Upper
101 100
85 45.0 0.0 89.6
151 75.8 0.0 149.4

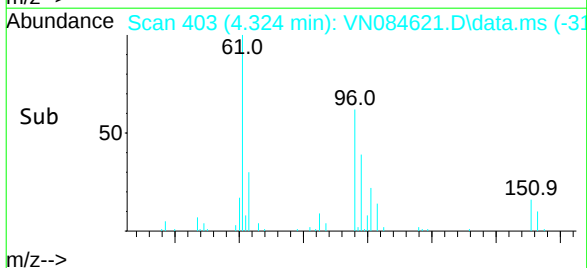
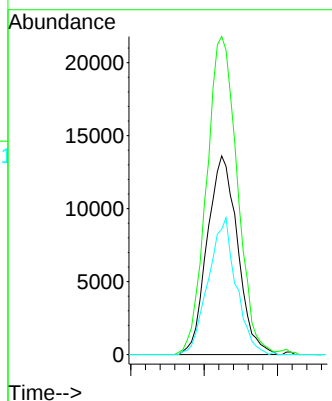
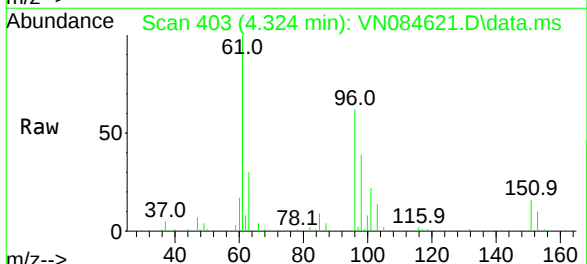
Manual Integrations
APPROVED

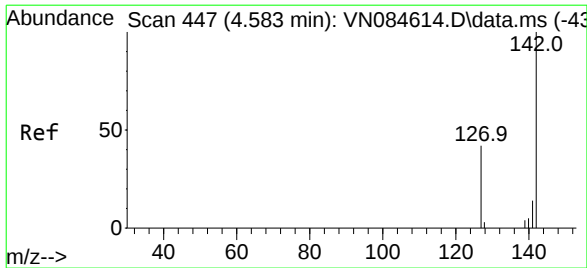
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#10
1,1-Dichloroethene
Concen: 20.581 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion: 96 Resp: 39157
Ion Ratio Lower Upper
96 100
61 159.0 135.1 202.7
98 63.1 50.4 75.6





#11

Methyl Iodide

Concen: 20.333 ug/l

RT: 4.571 min Scan# 447

Delta R.T. -0.012 min

Lab File: VN084621.D

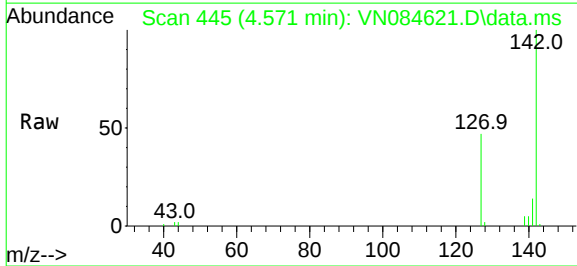
Acq: 31 Oct 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01



Tgt Ion: 142 Resp: 53170

Ion Ratio Lower Upper

142 100

127 46.8 20.3 60.9

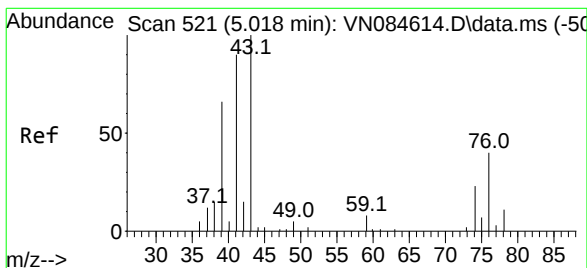
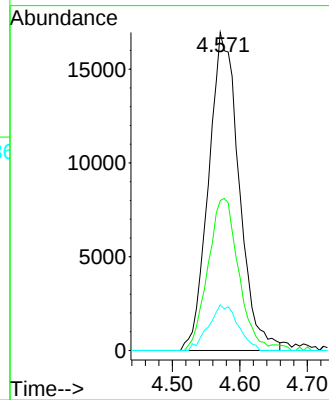
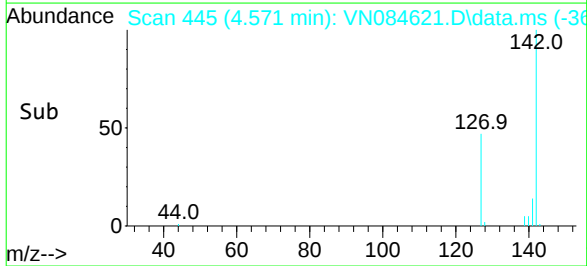
141 14.5 6.9 20.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/04/2024

Supervised By :Mahesh Dadoda 11/04/2024



#12

Methyl Acetate

Concen: 18.930 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN084621.D

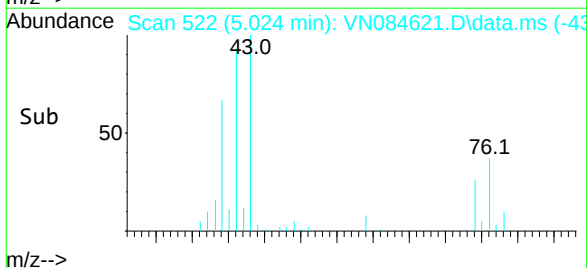
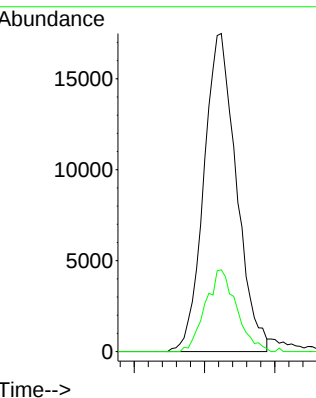
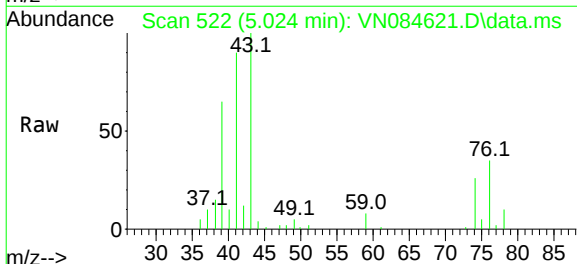
Acq: 31 Oct 2024 15:49

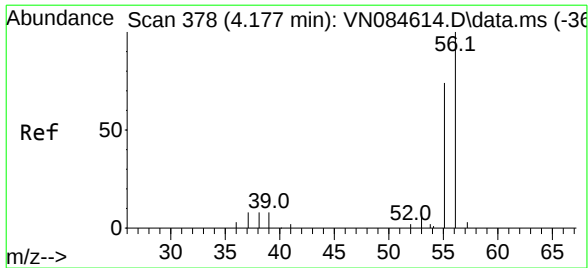
Tgt Ion: 43 Resp: 56139

Ion Ratio Lower Upper

43 100

74 25.8 19.0 28.4





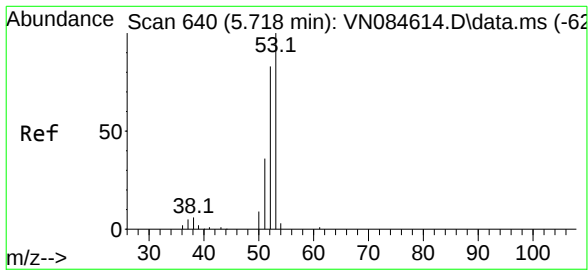
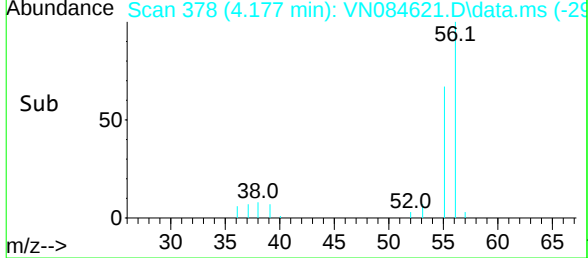
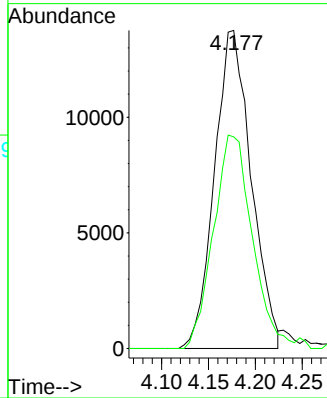
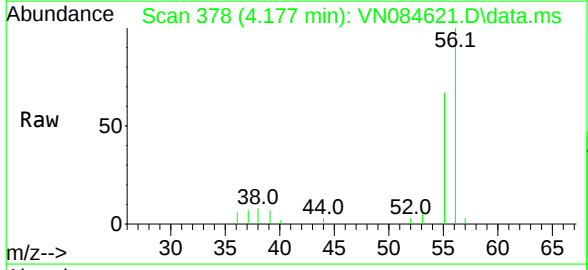
#13
Acrolein
Concen: 102.437 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

Tgt Ion: 56 Resp: 37462
Ion Ratio Lower Upper
56 100
55 70.9 56.7 85.1

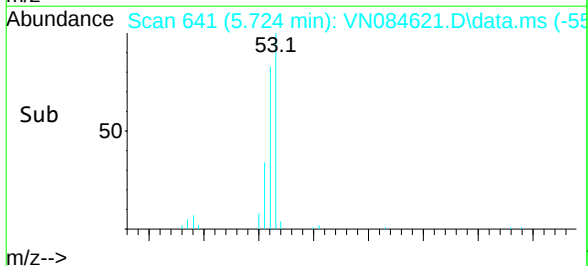
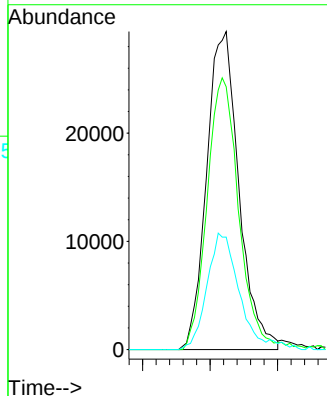
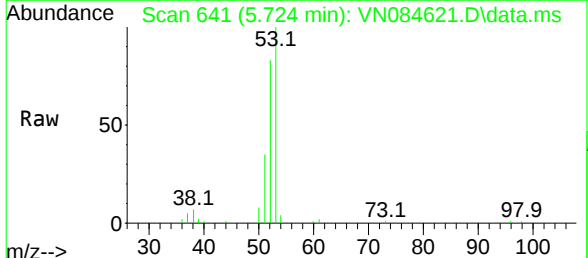
Manual Integrations
APPROVED

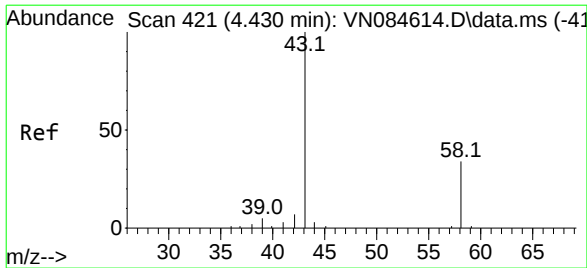
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#14
Acrylonitrile
Concen: 100.673 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

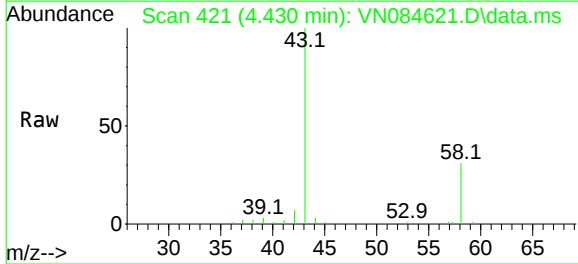
Tgt Ion: 53 Resp: 97670
Ion Ratio Lower Upper
53 100
52 82.9 41.6 124.9
51 35.4 18.2 54.6





#15
Acetone
Concen: 109.034 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

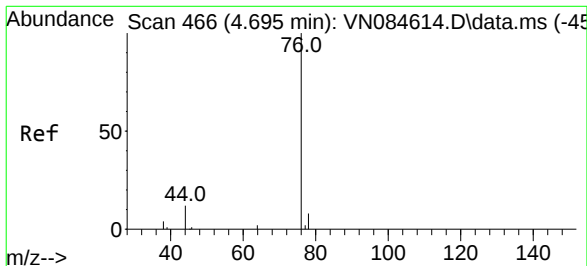
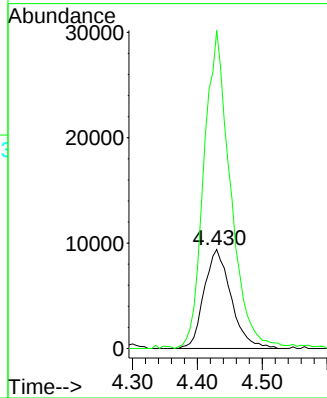
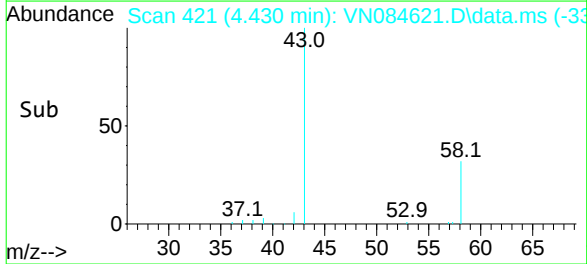
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



Tgt Ion: 58 Resp: 27180
Ion Ratio Lower Upper
58 100
43 319.7 233.0 349.6

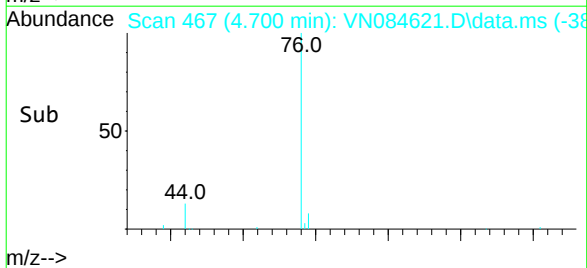
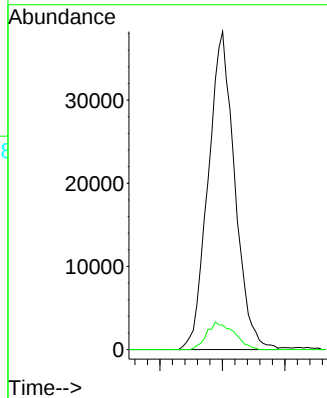
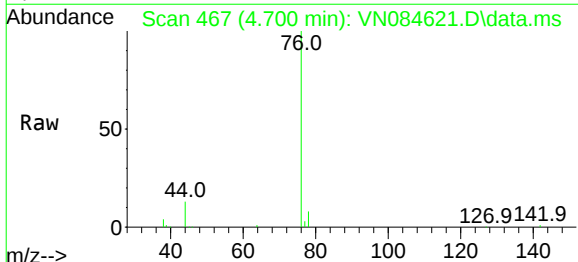
Manual Integrations
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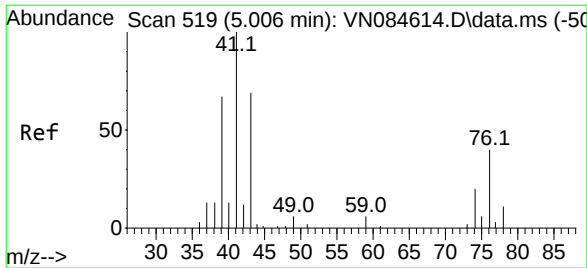
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#16
Carbon Disulfide
Concen: 20.200 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.006 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion: 76 Resp: 113085
Ion Ratio Lower Upper
76 100
78 7.7 6.6 9.8





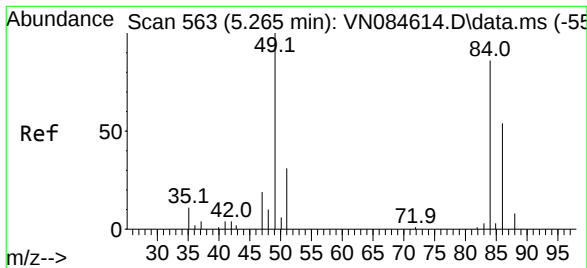
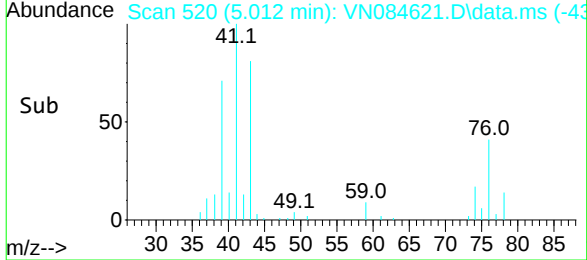
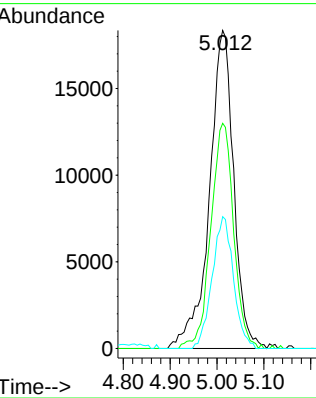
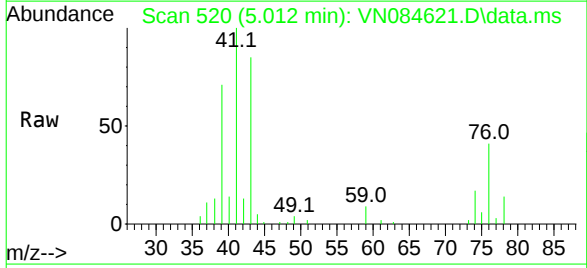
#17
Allyl chloride
Concen: 20.394 ug/l
RT: 5.012 min Scan# 52
Delta R.T. 0.006 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

Tgt Ion:	41	Resp:	66114
Ion	Ratio	Lower	Upper
41	100		
39	70.8	33.4	100.2
76	41.4	20.2	60.6

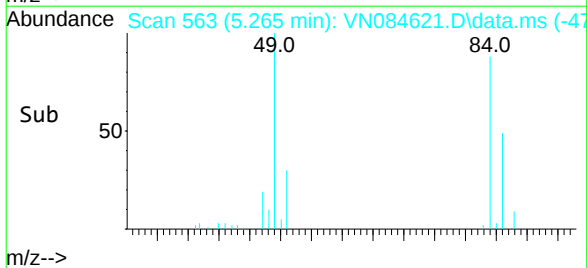
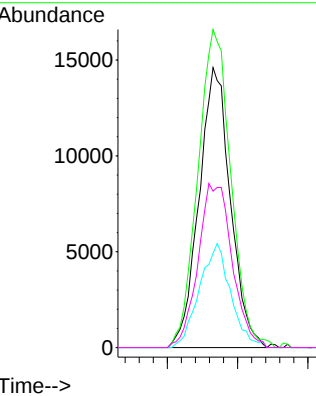
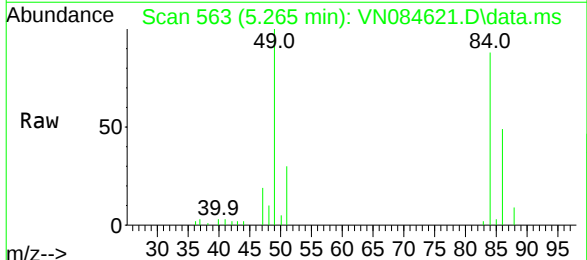
Manual Integrations
APPROVED

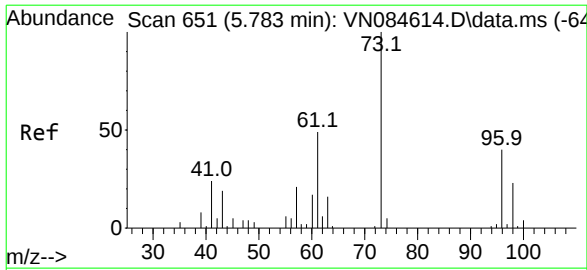
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#18
Methylene Chloride
Concen: 20.277 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

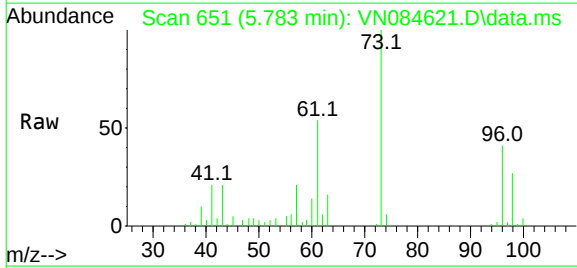
Tgt Ion:	84	Resp:	45208
Ion	Ratio	Lower	Upper
84	100		
49	113.6	93.0	139.6
51	33.6	28.9	43.3
86	55.8	50.6	76.0





#19
trans-1,2-Dichloroethene
Concen: 20.209 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

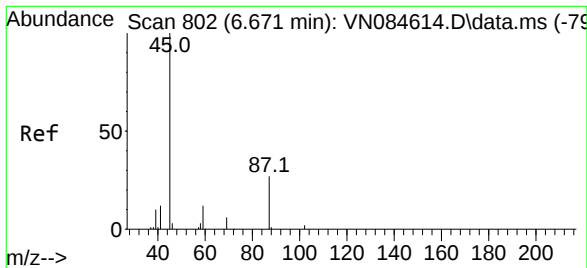
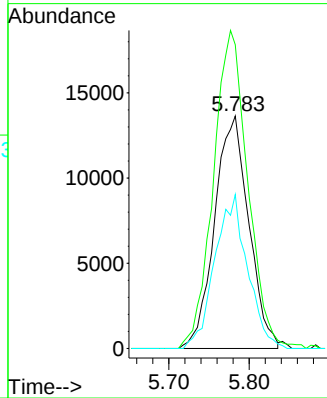
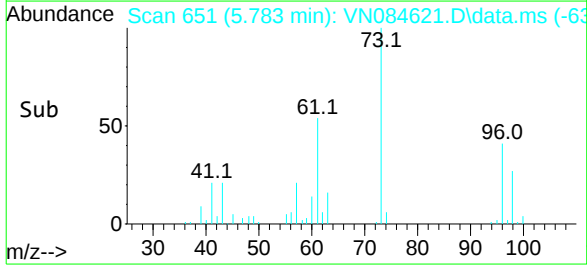
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



Tgt Ion: 96 Resp: 40300
Ion Ratio Lower Upper
96 100
61 130.6 98.1 147.1
98 66.2 46.6 69.8

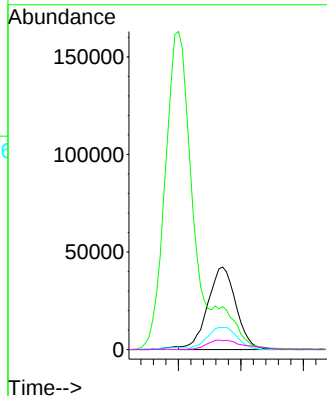
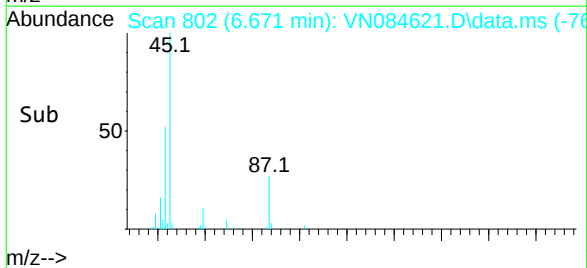
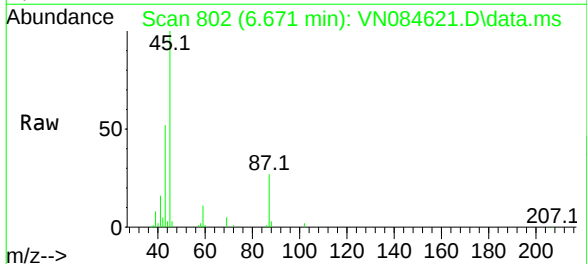
Manual Integrations
APPROVED

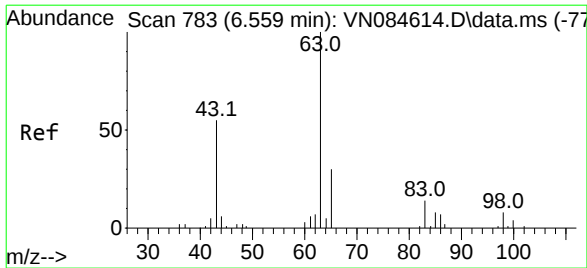
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#20
Diisopropyl ether
Concen: 20.572 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion: 45 Resp: 133508
Ion Ratio Lower Upper
45 100
43 50.8 42.6 64.0
87 26.7 23.0 34.4
59 10.8 9.4 14.0





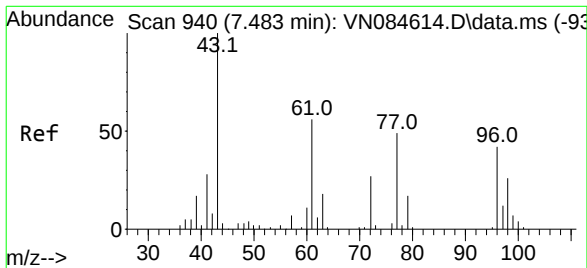
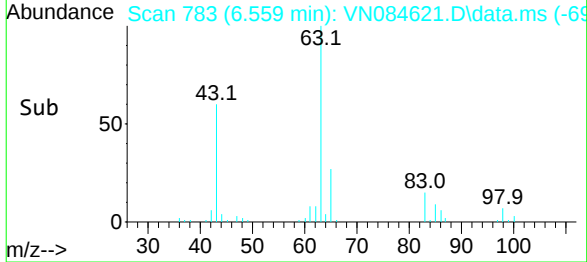
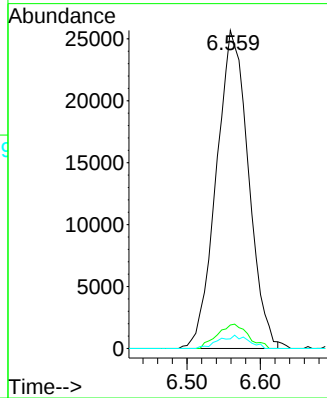
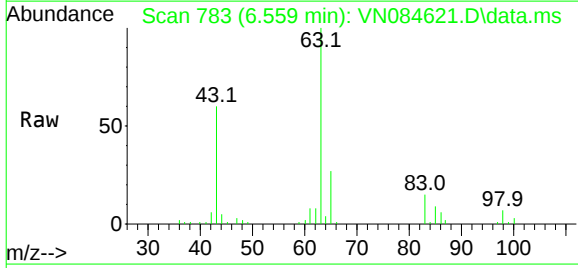
#21
1,1-Dichloroethane
Concen: 20.023 ug/l
RT: 6.559 min Scan# 783
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

Tgt Ion:	63	Resp:	78145
Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.8	11.4
100	3.0	1.9	5.7

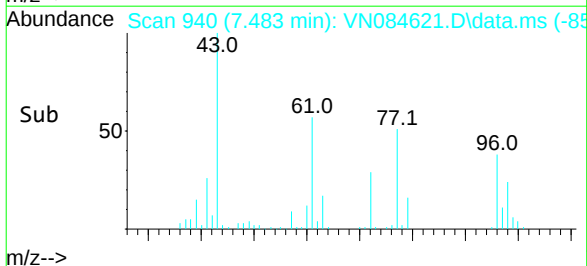
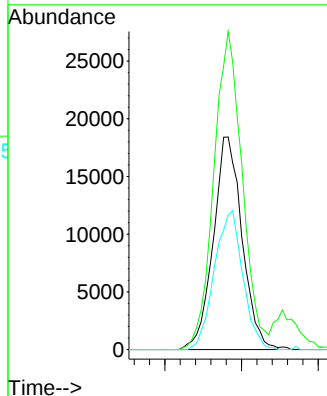
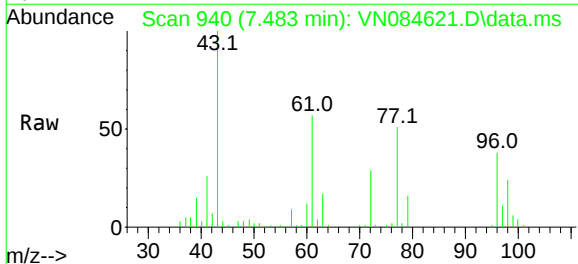
Manual Integrations
APPROVED

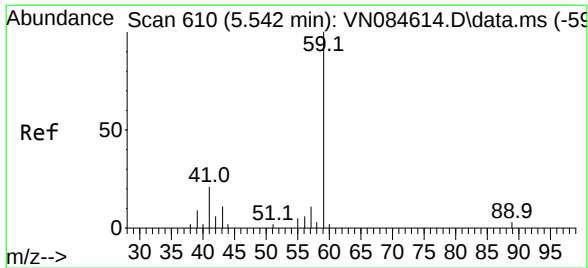
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#22
cis-1,2-Dichloroethene
Concen: 20.177 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

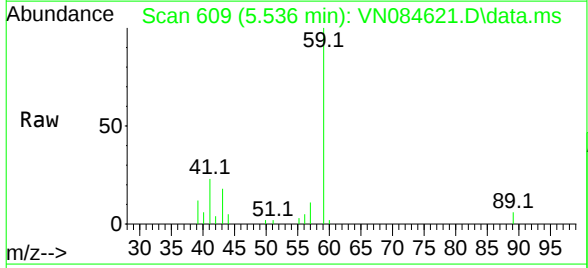
Tgt Ion:	96	Resp:	48039
Ion	Ratio	Lower	Upper
96	100		
61	148.0	121.8	182.8
98	64.6	53.2	79.8





#23
tert-Butyl Alcohol
Concen: 109.336 ug/l m
RT: 5.536 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

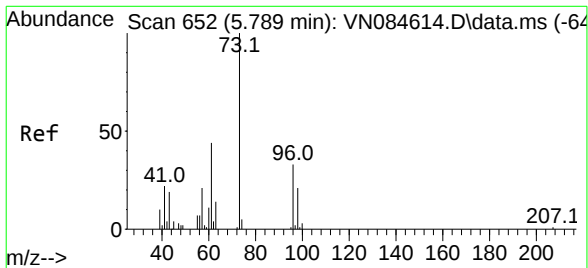
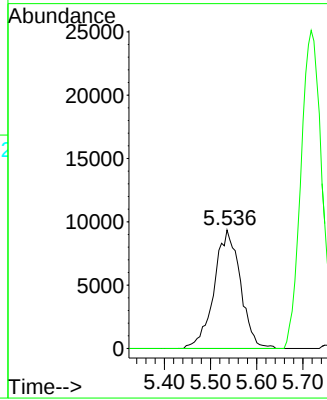
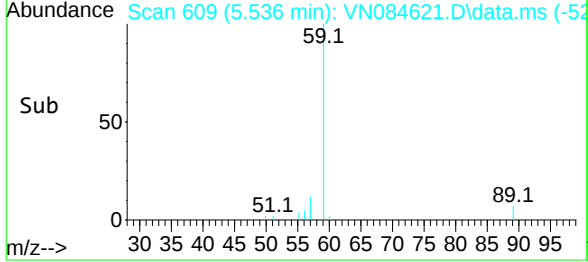
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



Tgt Ion: 59 Resp: 37032
Ion Ratio Lower Upper
59 100
52 218.7 0.0 0.0#

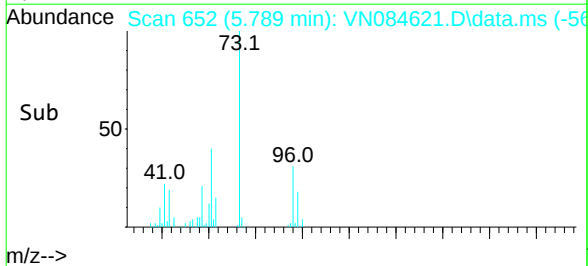
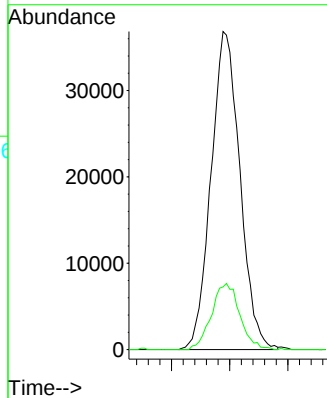
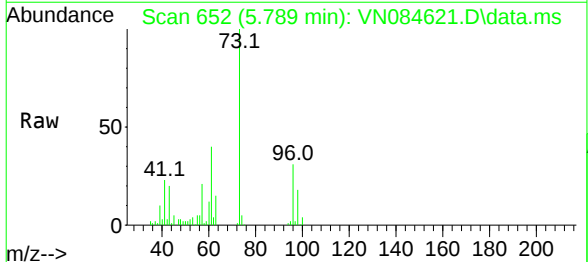
Manual Integrations
APPROVED

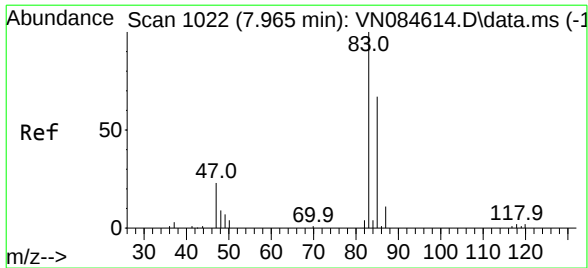
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#24
Methyl tert-Butyl Ether
Concen: 20.649 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

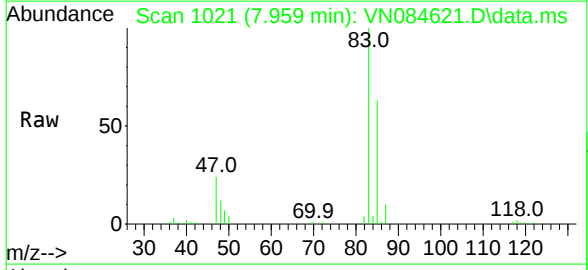
Tgt Ion: 73 Resp: 127042
Ion Ratio Lower Upper
73 100
43 20.2 16.5 24.7





#25
Chloroform
Concen: 20.139 ug/l
RT: 7.959 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

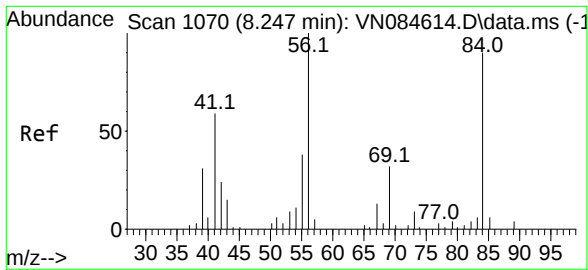
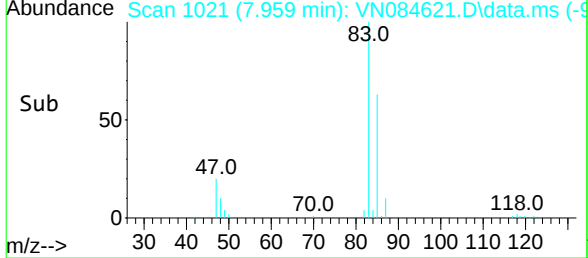
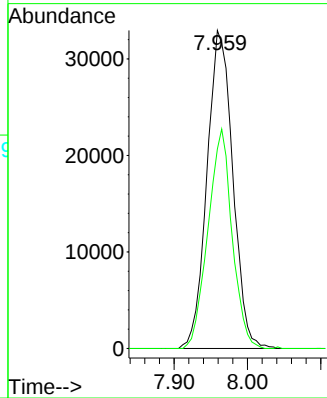
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



Tgt Ion: 83 Resp: 80528
Ion Ratio Lower Upper
83 100
85 62.7 53.4 80.2

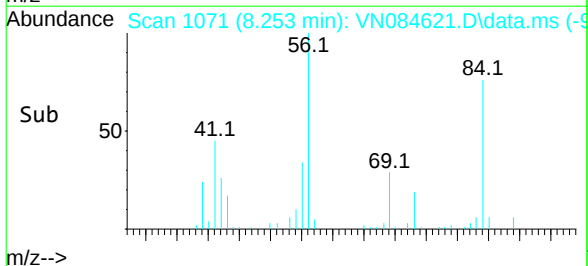
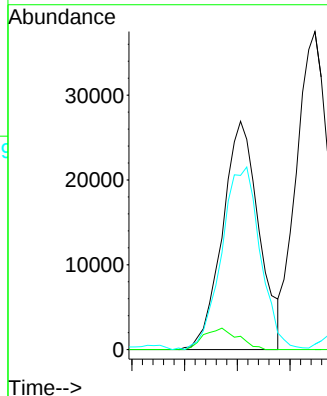
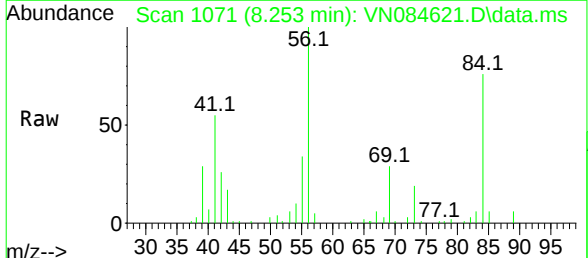
Manual Integrations
APPROVED

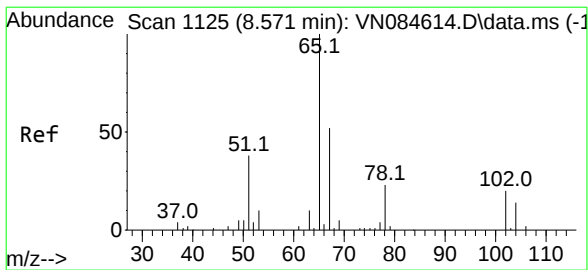
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#26
Cyclohexane
Concen: 21.773 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

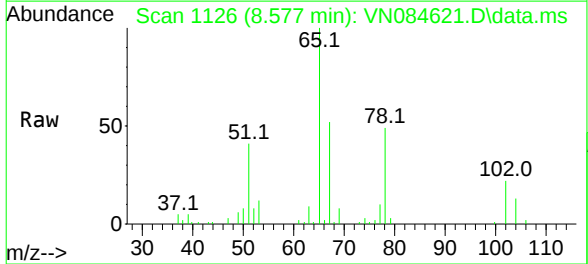
Tgt Ion: 56 Resp: 64909
Ion Ratio Lower Upper
56 100
89 8.9 3.0 4.4#
84 84.3 70.6 106.0





#27
1,2-Dichloroethane-d4
Concen: 30.205 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

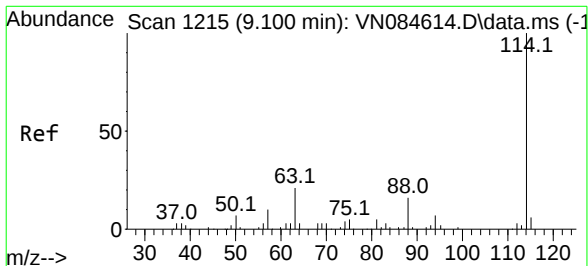
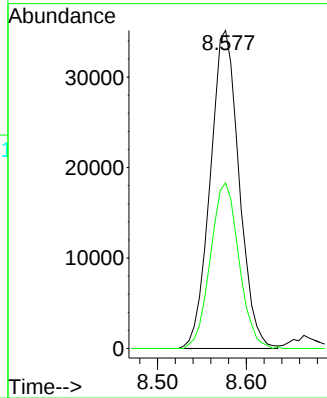
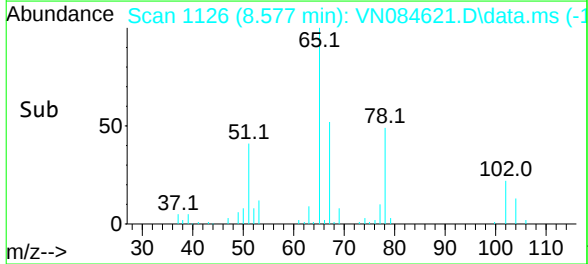
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



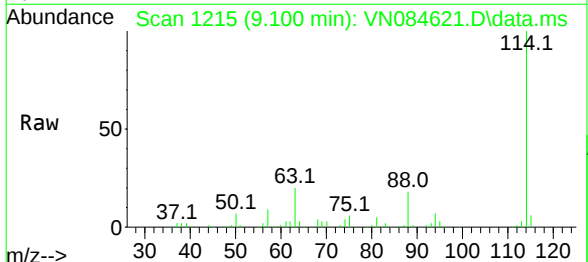
Tgt Ion: 65 Resp: 79275
Ion Ratio Lower Upper
65 100
67 51.3 40.7 61.1

Manual Integrations
APPROVED

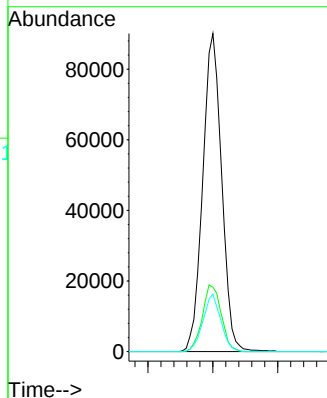
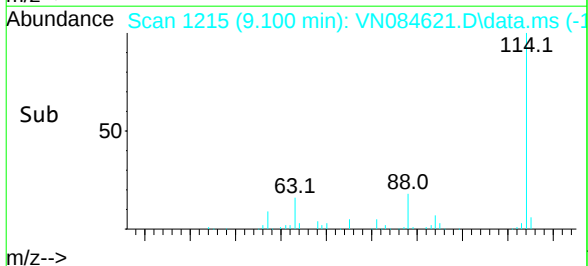
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024

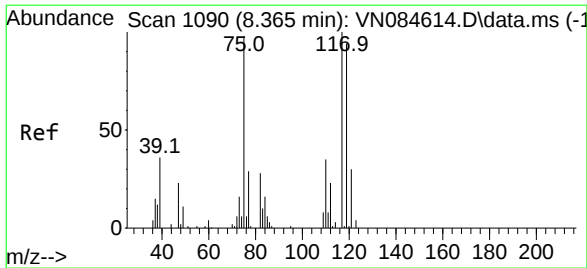


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49



Tgt Ion:114 Resp: 182685
Ion Ratio Lower Upper
114 100
63 20.9 16.8 25.2
88 16.9 12.9 19.3





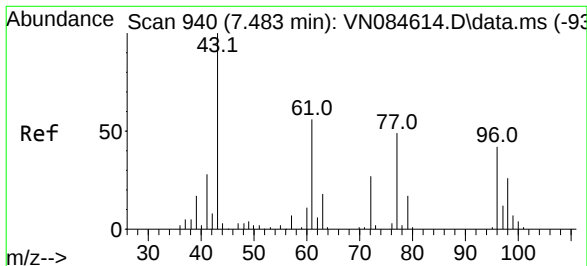
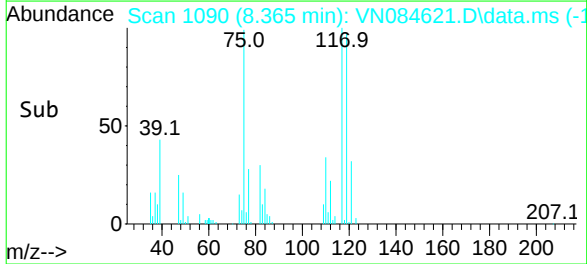
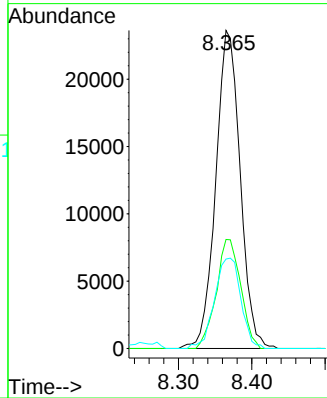
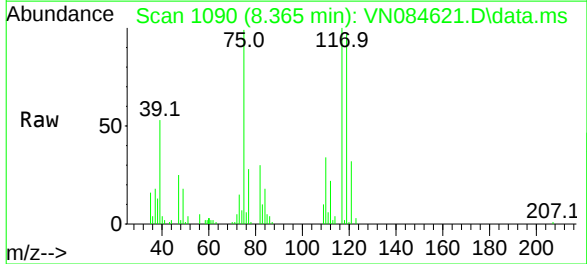
#29
1,1-Dichloropropene
Concen: 19.862 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.3	0.0	69.4
77	30.6	0.0	62.0

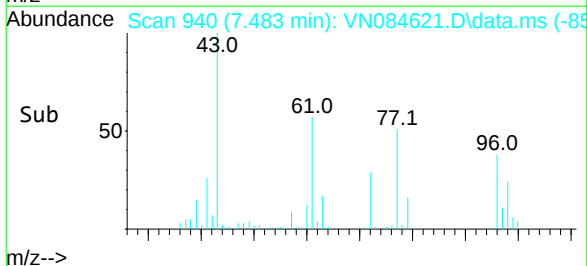
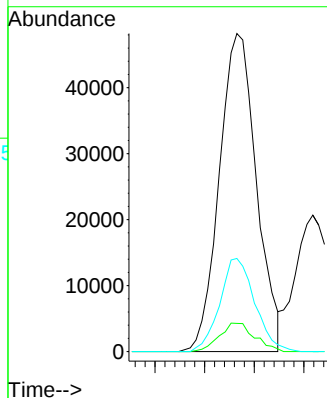
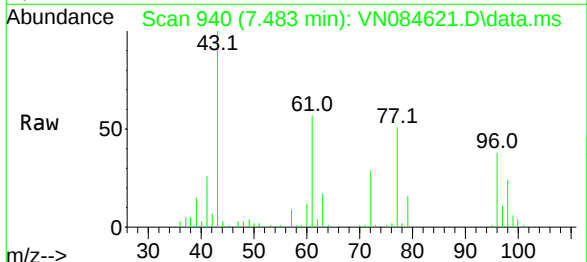
Manual Integrations
APPROVED

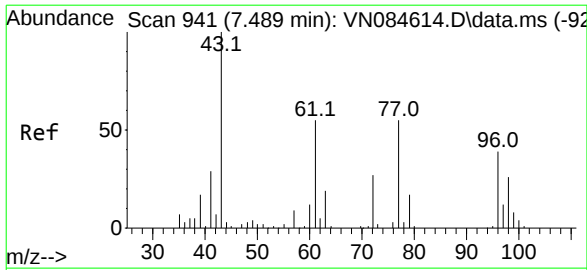
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#30
2-Butanone
Concen: 98.597 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.5	6.2	9.4
72	27.7	21.5	32.3





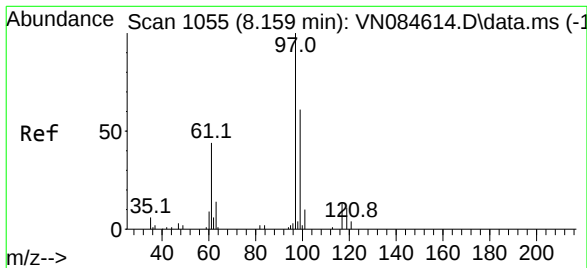
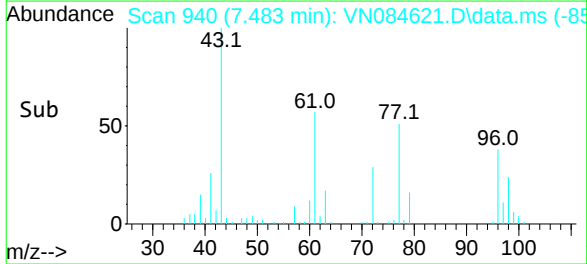
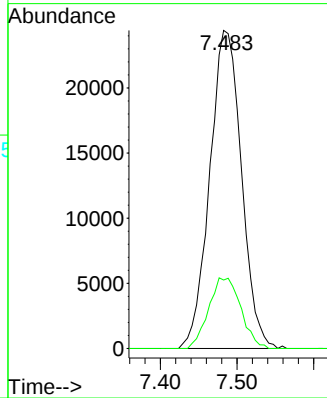
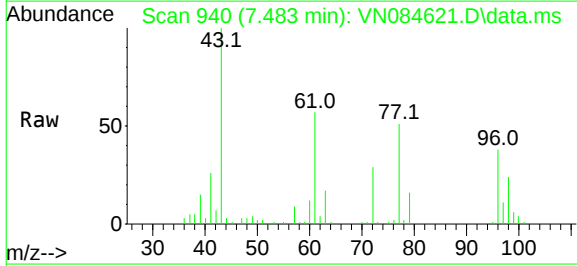
#31
2,2-Dichloropropane
Concen: 20.864 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

Tgt Ion: 77 Resp: 70080
Ion Ratio Lower Upper
77 100
97 22.5 17.4 26.2

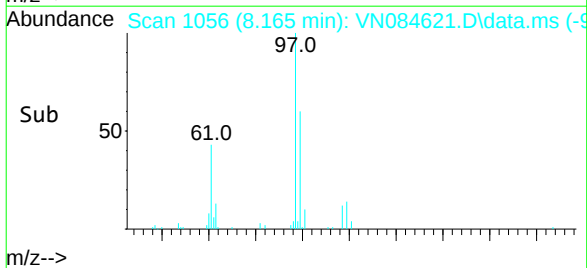
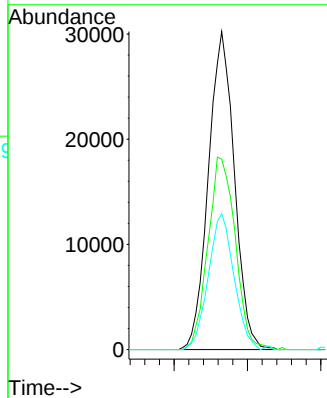
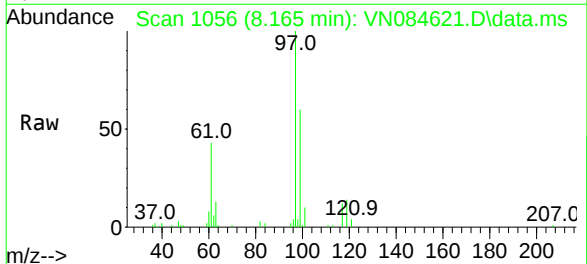
Manual Integrations
APPROVED

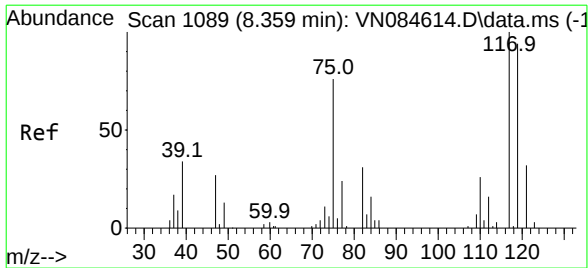
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#32
1,1,1-Trichloroethane
Concen: 19.923 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

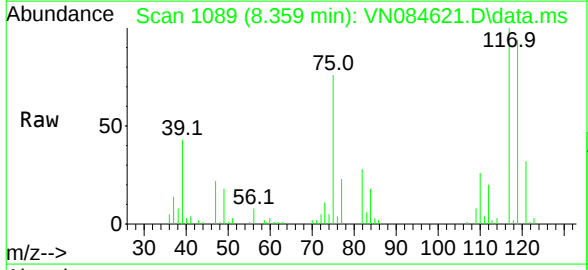
Tgt Ion: 97 Resp: 74479
Ion Ratio Lower Upper
97 100
99 63.6 51.6 77.4
61 42.2 34.2 51.4





#33
Carbon Tetrachloride
Concen: 19.837 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

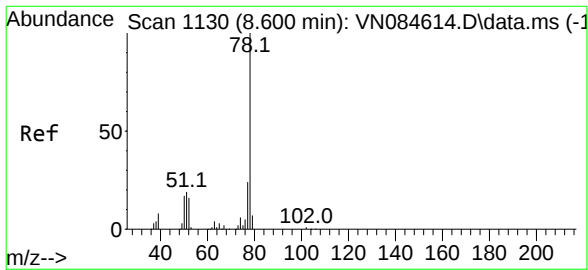
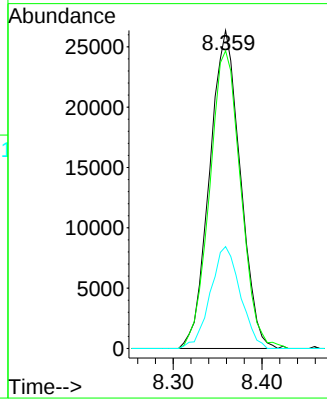
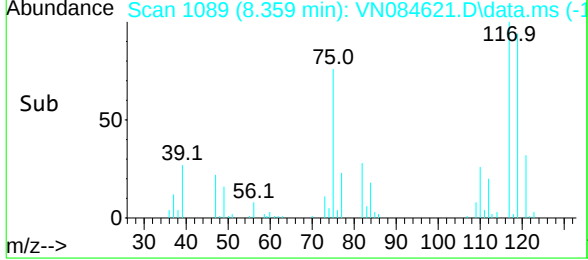
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



Tgt Ion:117 Resp: 63277
Ion Ratio Lower Upper
117 100
119 93.6 75.7 113.5
121 32.0 25.4 38.0

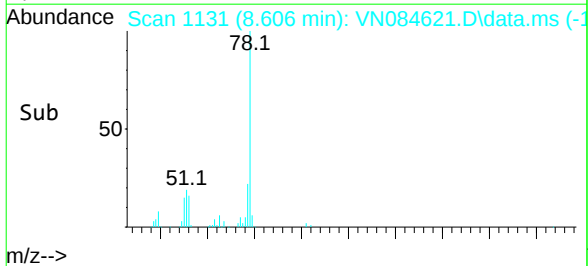
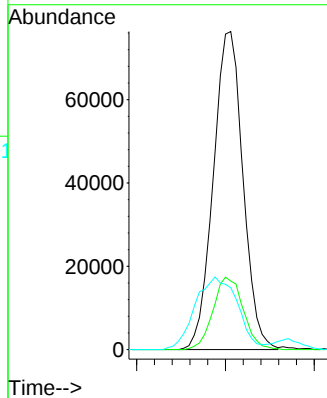
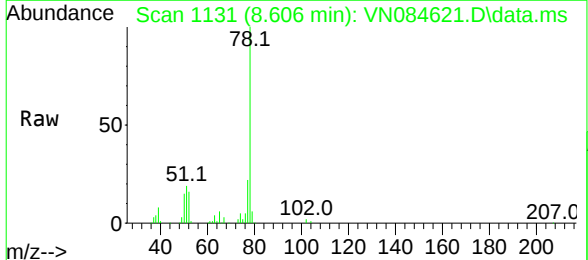
Manual Integrations
APPROVED

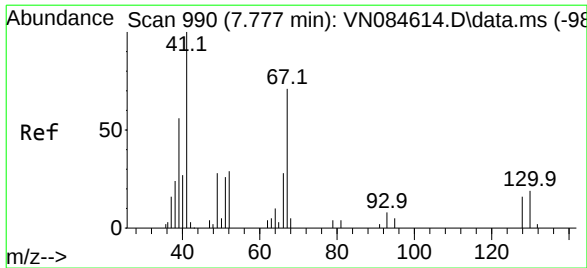
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#34
Benzene
Concen: 19.480 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion: 78 Resp: 177177
Ion Ratio Lower Upper
78 100
77 21.5 19.3 28.9
51 16.9 16.1 24.1





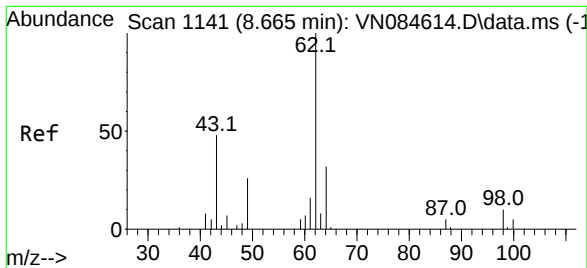
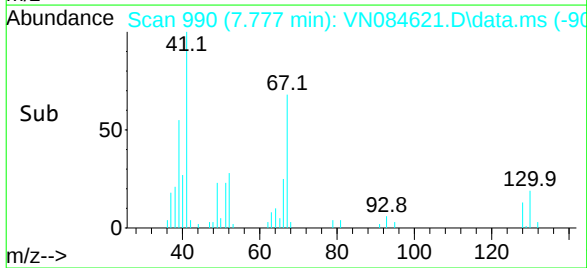
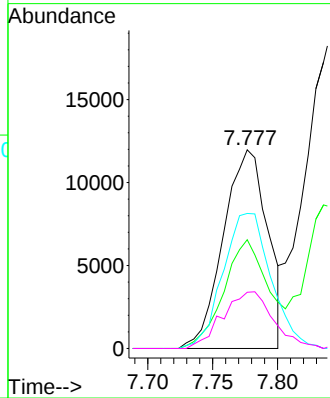
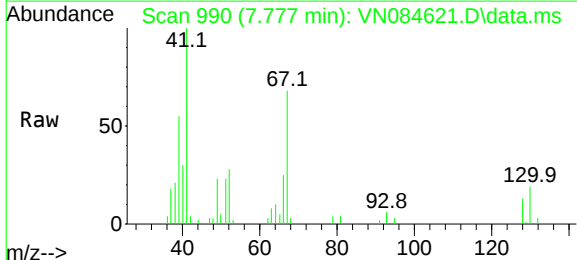
#35
Methacrylonitrile
Concen: 18.906 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

Tgt Ion: 41	Resp: 28441
Ion Ratio	Lower Upper
41	100
39	54.8 28.2 84.6
67	67.9 35.6 106.8
52	28.3 14.4 43.4

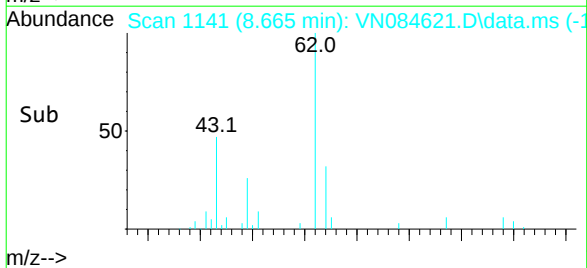
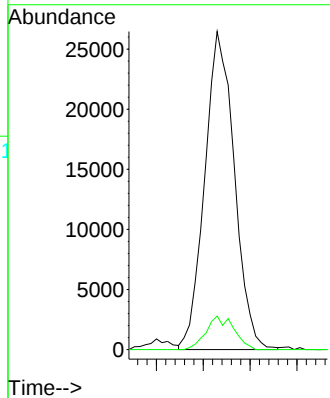
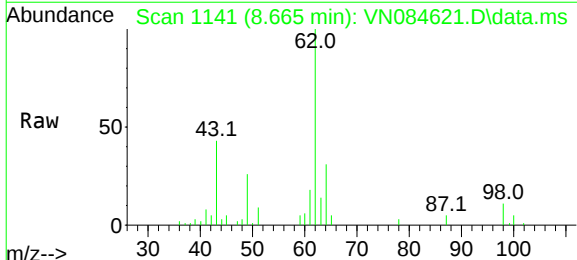
Manual Integrations
APPROVED

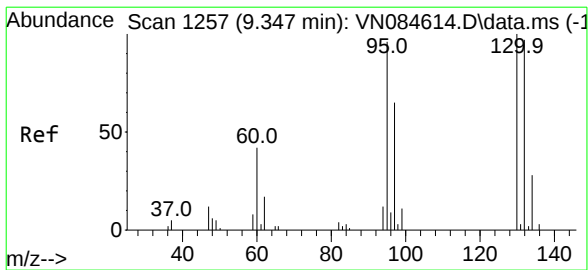
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#36
1,2-Dichloroethane
Concen: 19.259 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

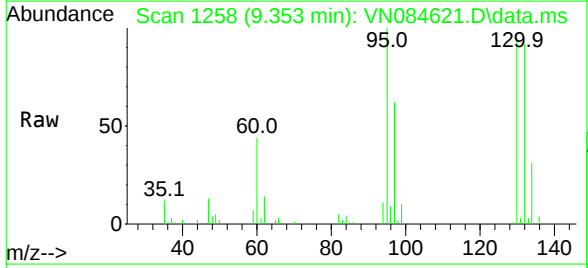
Tgt Ion: 62	Resp: 58249
Ion Ratio	Lower Upper
62	100
98	9.9 7.8 11.6





#37
Trichloroethene
Concen: 19.591 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

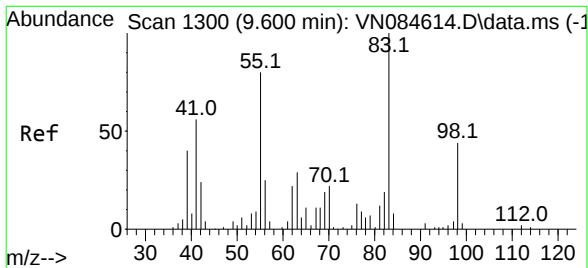
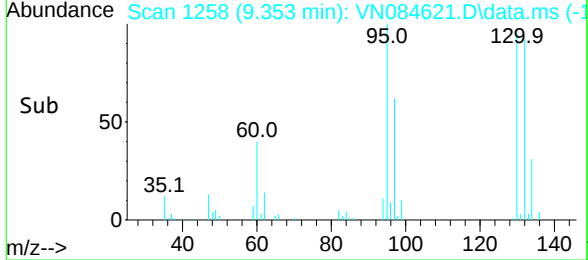
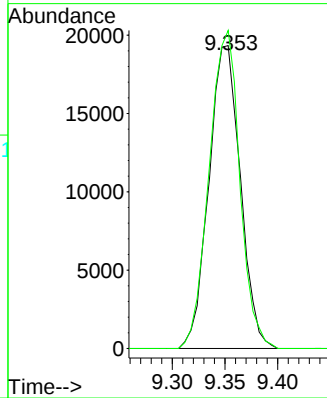
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



Tgt Ion:130 Resp: 40196
Ion Ratio Lower Upper
130 100
95 105.0 76.6 115.0

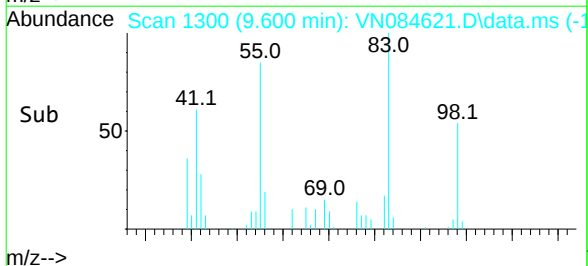
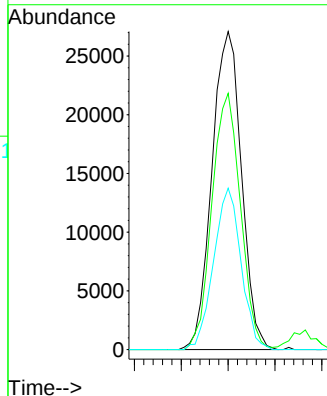
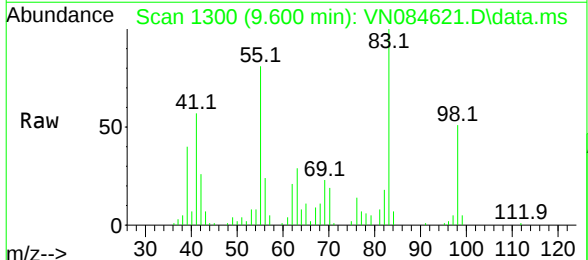
Manual Integrations
APPROVED

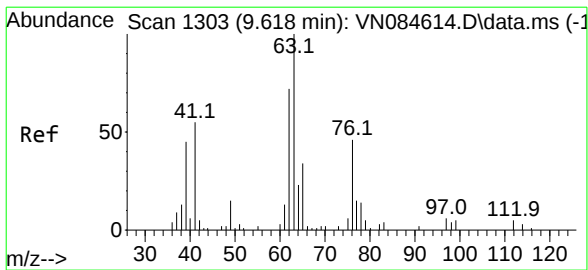
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#38
Methylcyclohexane
Concen: 20.032 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion: 83 Resp: 59338
Ion Ratio Lower Upper
83 100
55 77.9 39.6 118.8
98 47.2 23.2 69.5





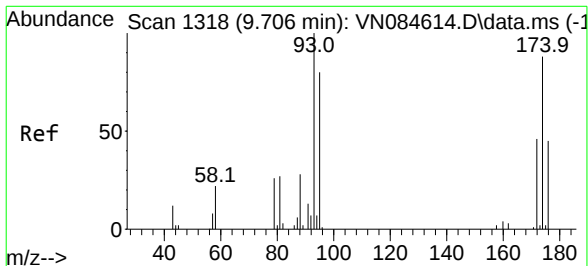
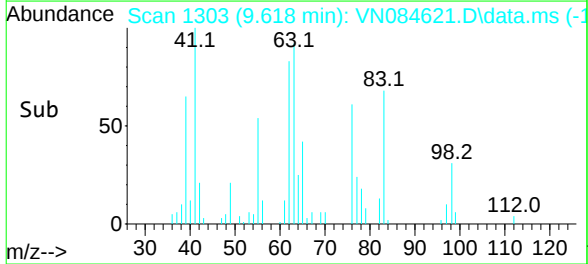
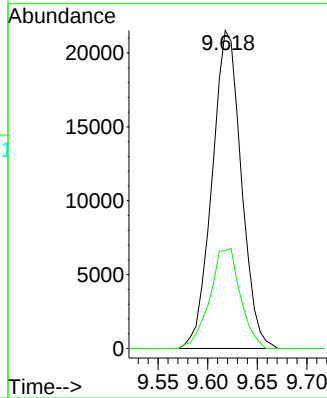
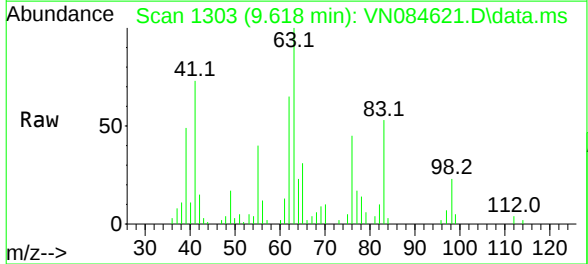
#39
1,2-Dichloropropane
Concen: 20.103 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

Tgt Ion: 63 Resp: 44012
Ion Ratio Lower Upper
63 100
65 30.7 27.8 41.8

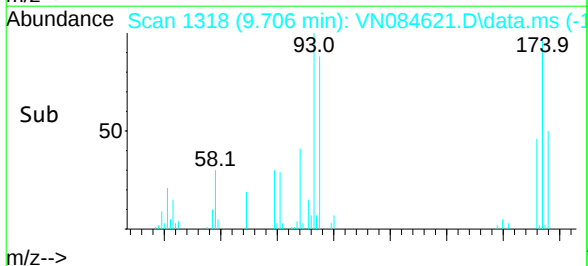
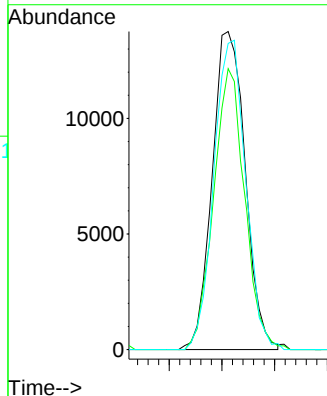
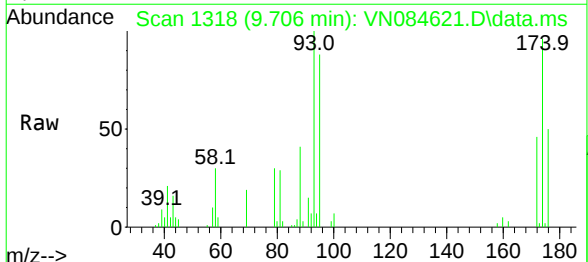
Manual Integrations
APPROVED

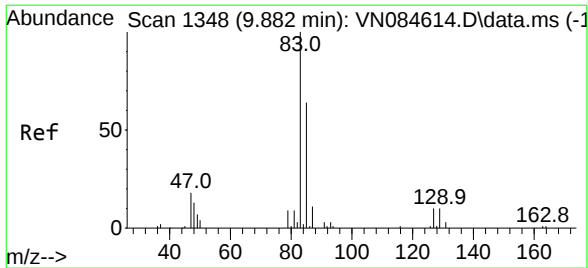
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#40
Dibromomethane
Concen: 19.519 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion: 93 Resp: 29895
Ion Ratio Lower Upper
93 100
95 83.4 0.0 168.4
174 93.7 0.0 183.4





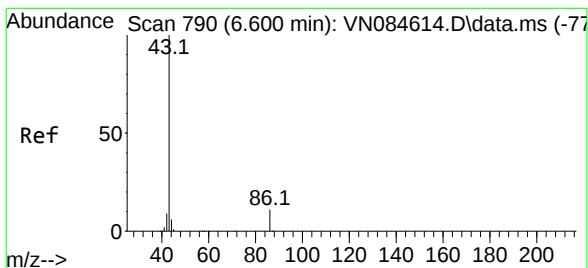
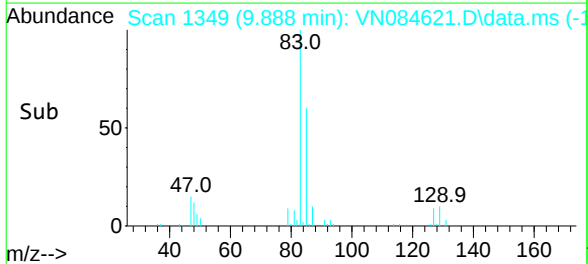
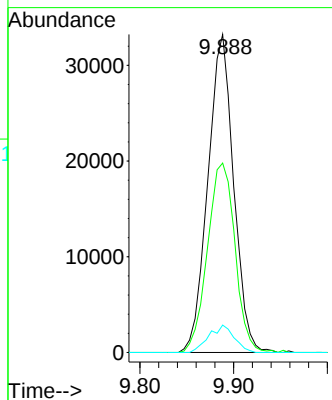
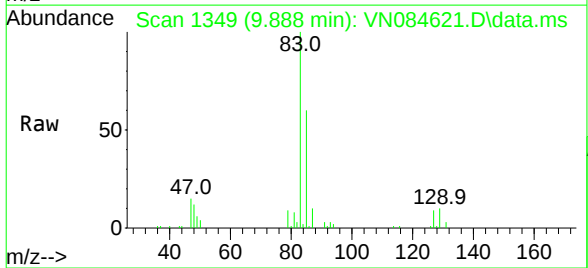
#41
Bromodichloromethane
Concen: 19.335 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

Tgt Ion:	83	Resp:	63485
Ion	Ratio	Lower	Upper
83	100		
85	59.6	51.0	76.6
127	8.6	7.8	11.6

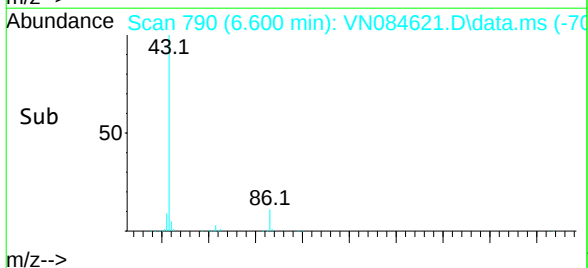
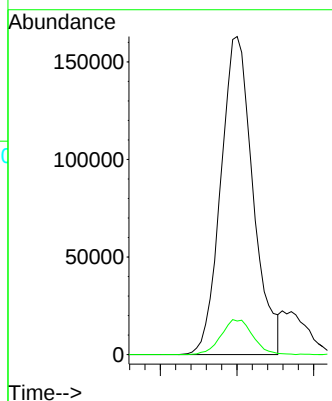
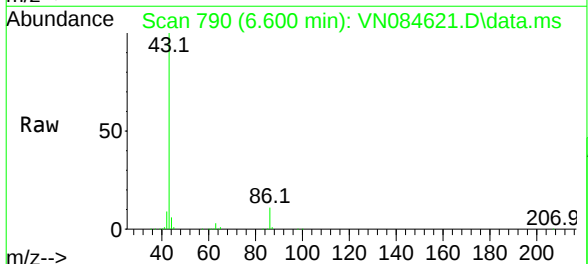
Manual Integrations
APPROVED

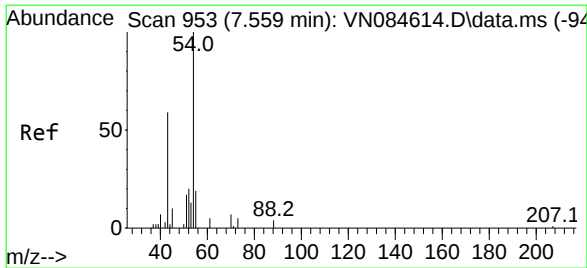
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#42
Vinyl Acetate
Concen: 100.583 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

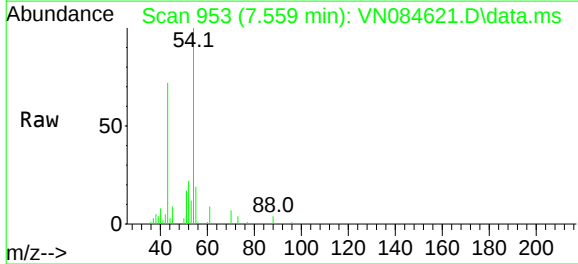
Tgt Ion:	43	Resp:	477204
Ion	Ratio	Lower	Upper
43	100		
86	10.8	8.6	13.0





#43
Ethyl Acetate
Concen: 19.730 ug/l
RT: 7.559 min Scan# 953
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

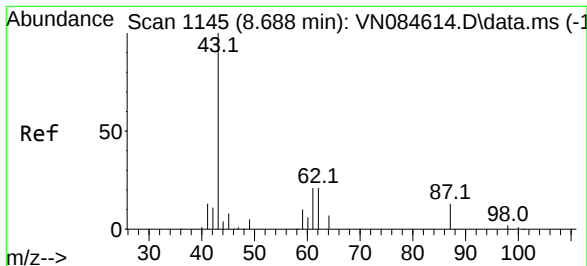
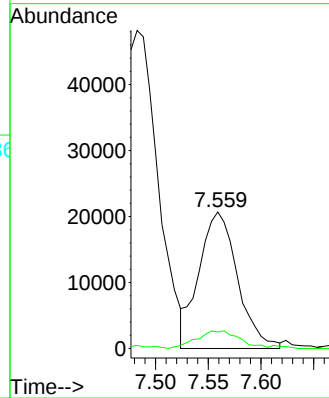
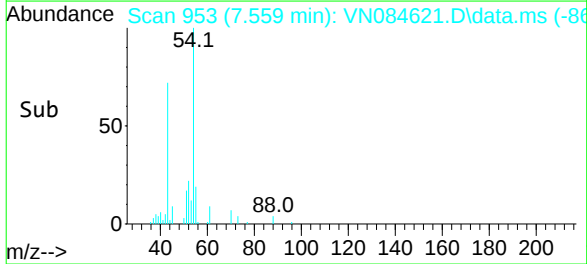
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



Tgt Ion: 43 Resp: 52620
Ion Ratio Lower Upper
43 100
45 13.9 11.0 16.4

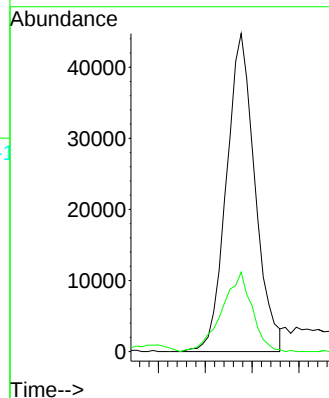
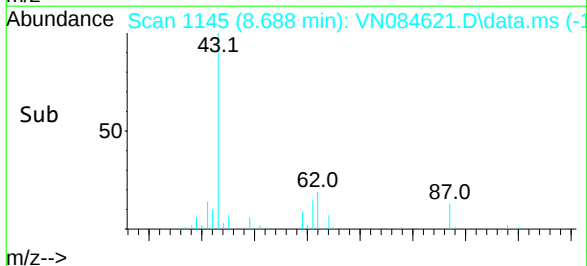
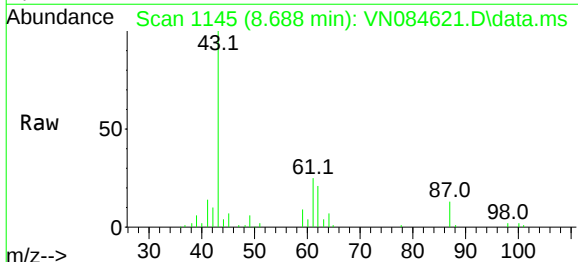
Manual Integrations
APPROVED

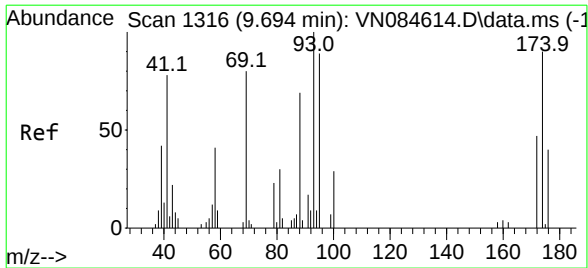
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#44
Isopropyl Acetate
Concen: 17.576 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

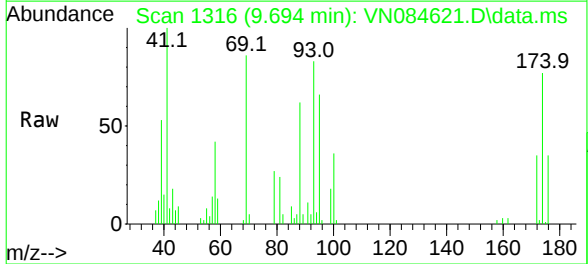
Tgt Ion: 43 Resp: 94921
Ion Ratio Lower Upper
43 100
61 26.1 19.8 29.8





#45
1,4-Dioxane
Concen: 434.863 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

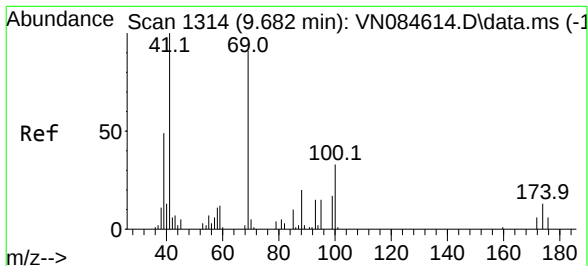
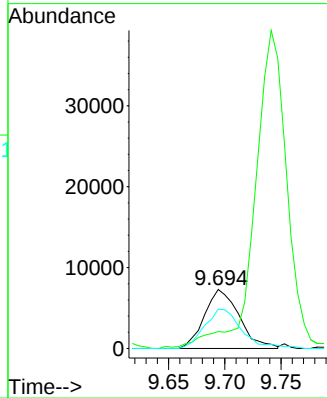
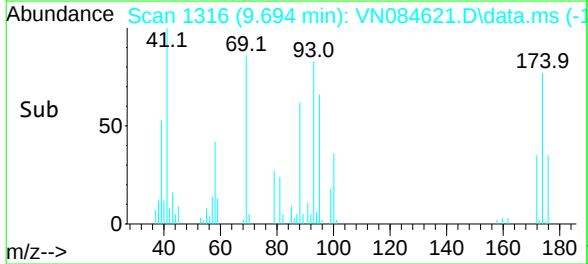
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



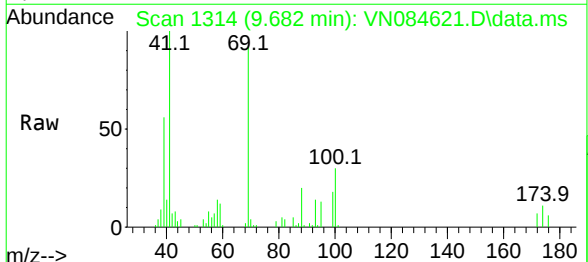
Tgt Ion: 88 Resp: 15679
Ion Ratio Lower Upper
88 100
43 0.9 20.8 31.2#
58 67.8 53.4 80.2

Manual Integrations
APPROVED

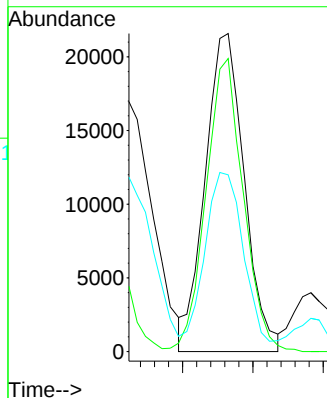
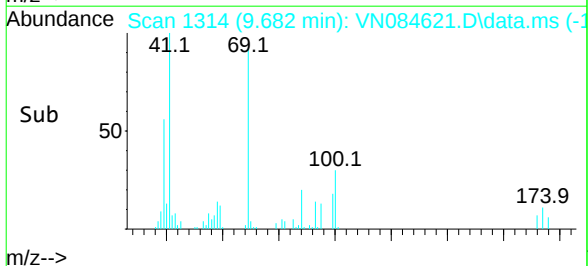
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024

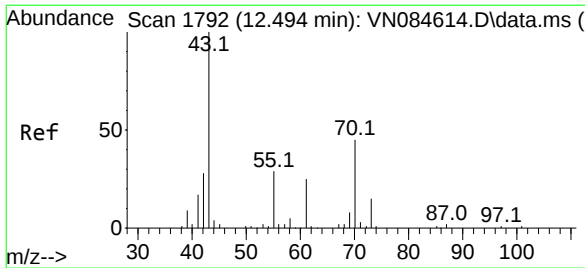


#46
Methyl methacrylate
Concen: 19.214 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49



Tgt Ion: 41 Resp: 41700
Ion Ratio Lower Upper
41 100
69 95.4 43.4 130.2
39 55.2 24.7 74.1





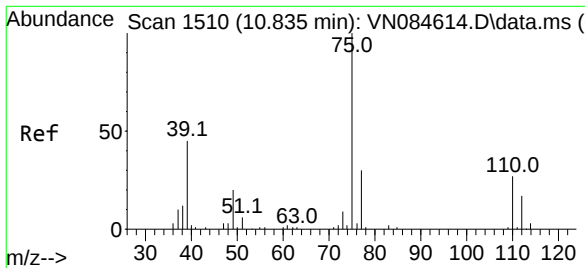
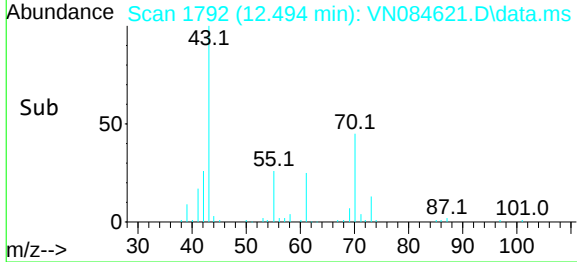
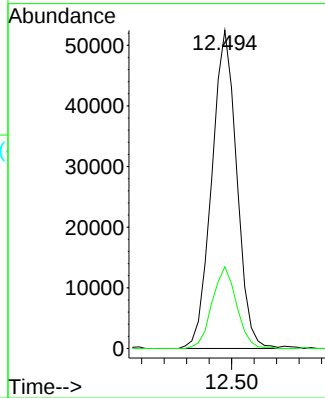
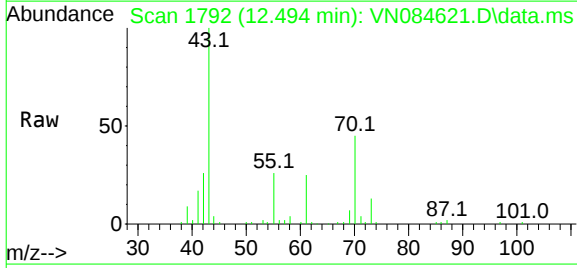
#47
n-amy1 Acetate
Concen: 20.075 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

Tgt Ion: 43 Resp: 80970
Ion Ratio Lower Upper
43 100
55 25.1 22.0 33.0

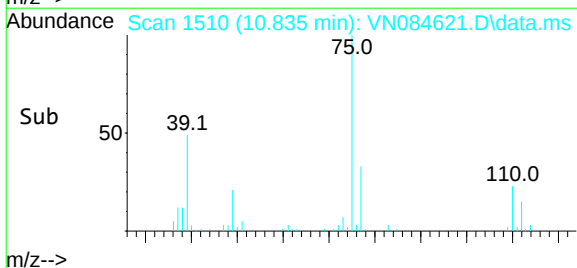
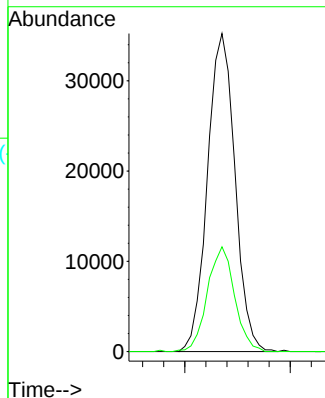
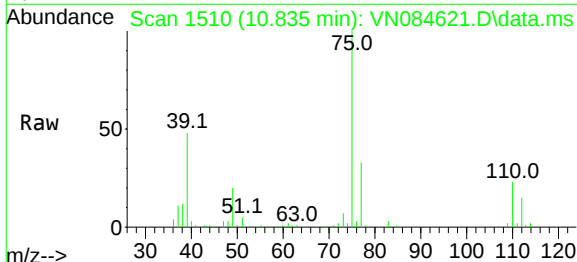
Manual Integrations
APPROVED

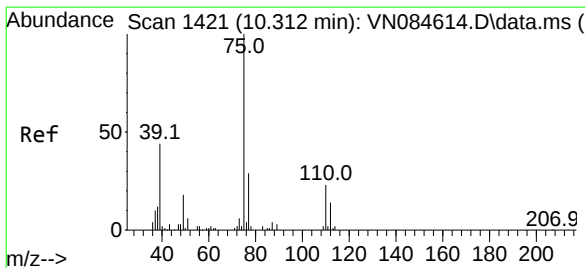
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#48
t-1,3-Dichloropropene
Concen: 19.713 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion: 75 Resp: 63914
Ion Ratio Lower Upper
75 100
77 33.0 24.4 36.6





#49

cis-1,3-Dichloropropene

Concen: 19.987 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.000 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

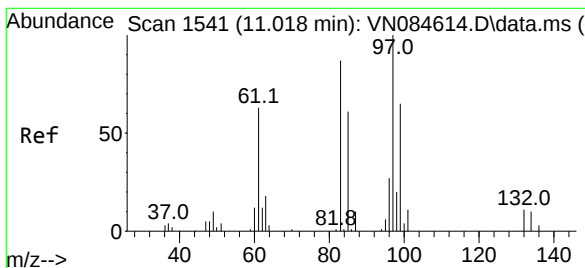
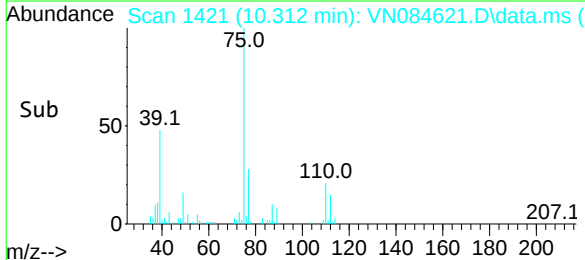
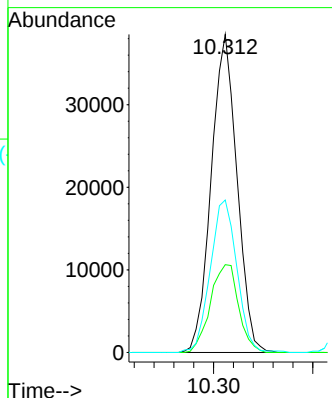
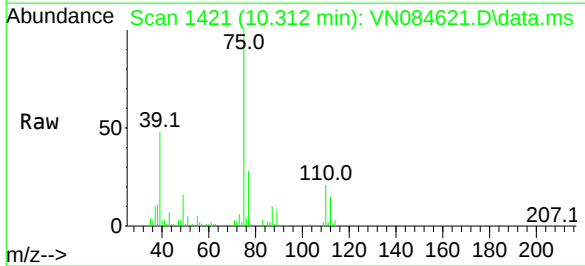
VN1031WBSD01

Tgt Ion: 75	Resp: 69450
Ion Ratio	Lower Upper
75 100	
77 27.6	23.4 35.2
39 47.9	35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#50

1,1,2-Trichloroethane

Concen: 19.718 ug/l

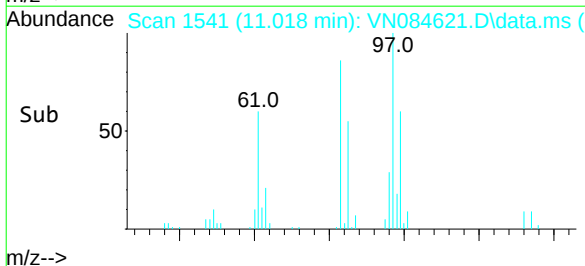
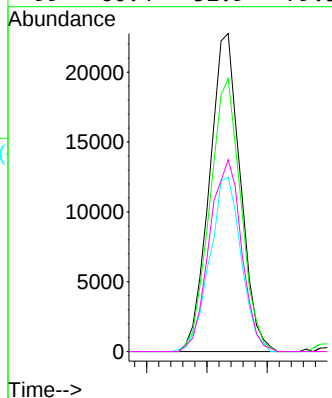
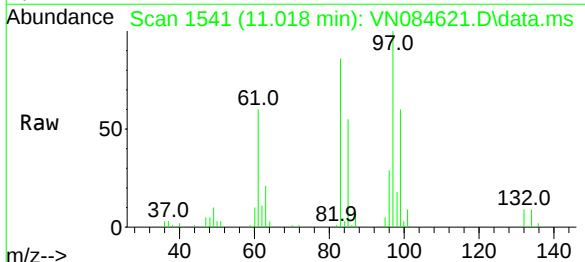
RT: 11.018 min Scan# 1541

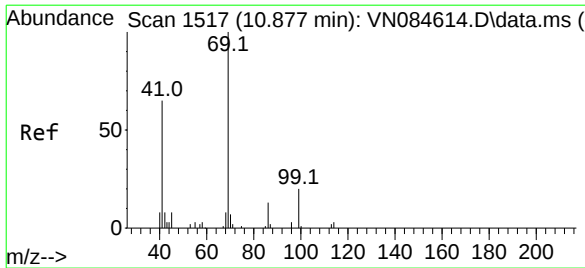
Delta R.T. -0.000 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

Tgt Ion: 97	Resp: 40510
Ion Ratio	Lower Upper
97 100	
83 85.8	69.8 104.8
85 54.9	48.6 73.0
99 60.4	52.9 79.3





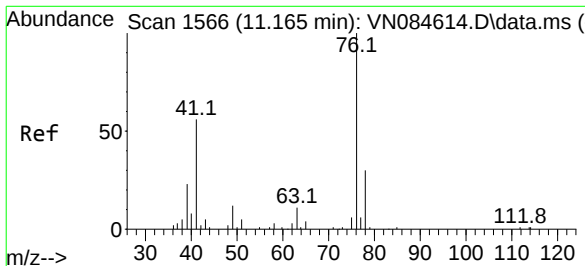
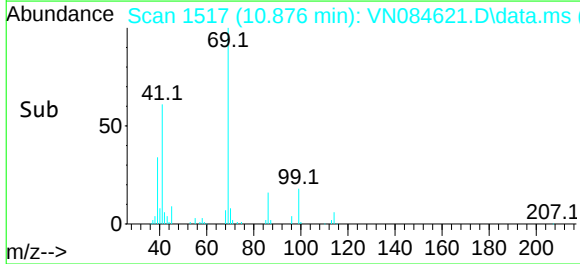
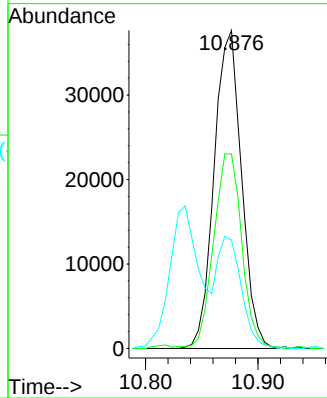
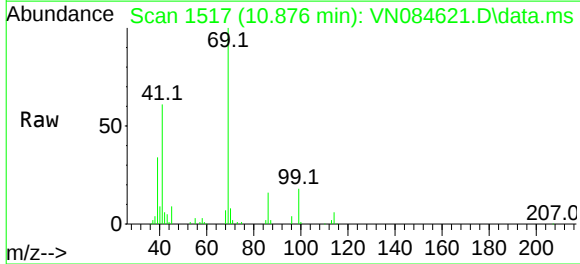
#51
Ethyl methacrylate
Concen: 20.093 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

Tgt Ion:	69	Resp:	63630
Ion Ratio	Lower	Upper	
69	100		
41	60.6	32.8	98.3
39	34.1	15.4	46.1

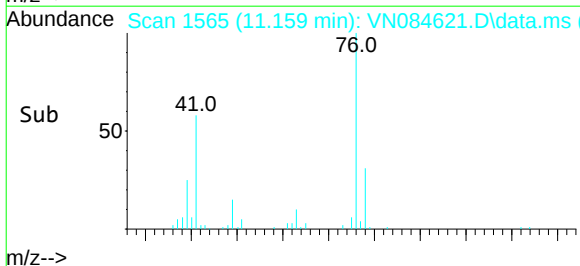
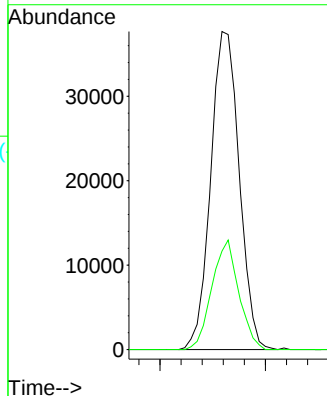
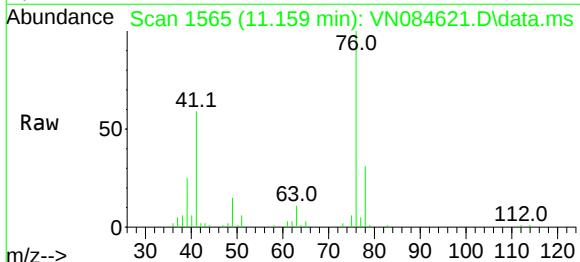
Manual Integrations
APPROVED

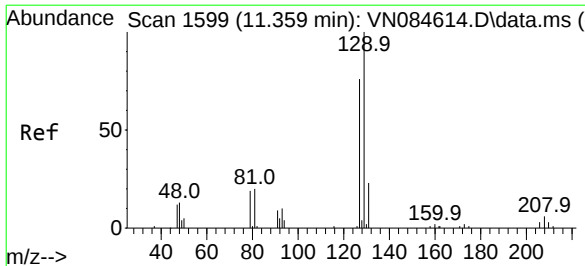
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#52
1,3-Dichloropropane
Concen: 19.876 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion:	76	Resp:	70880
Ion Ratio	Lower	Upper	
76	100		
78	32.3	0.0	64.0





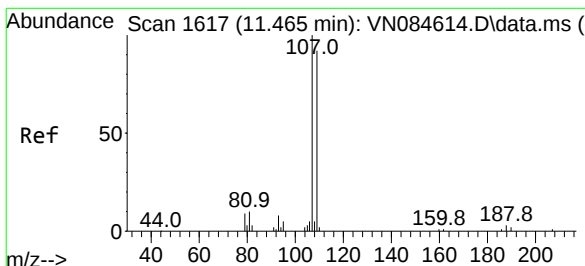
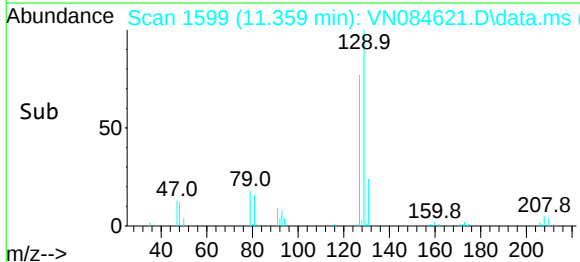
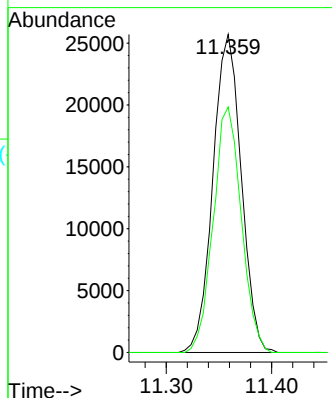
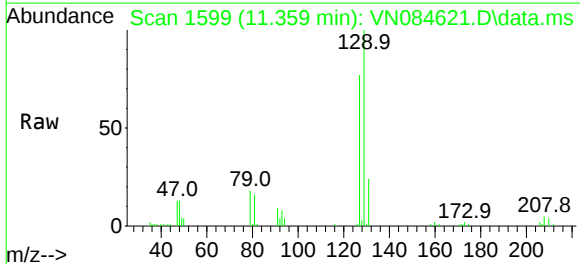
#53
Dibromochloromethane
Concen: 19.967 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

Tgt Ion:129 Resp: 48005
Ion Ratio Lower Upper
129 100
127 76.2 39.6 119.0

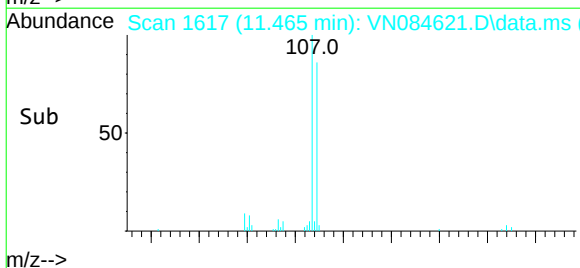
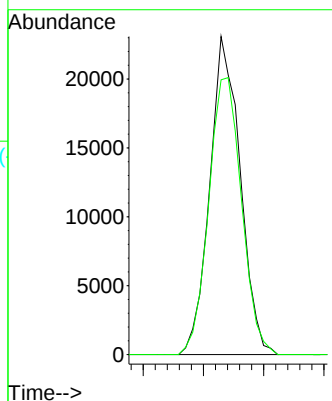
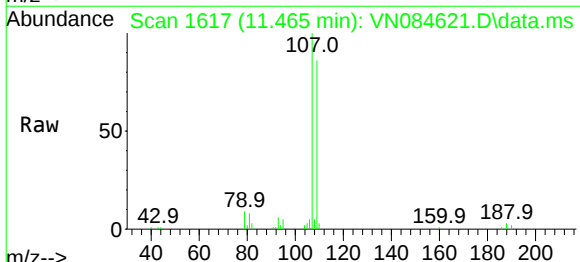
Manual Integrations
APPROVED

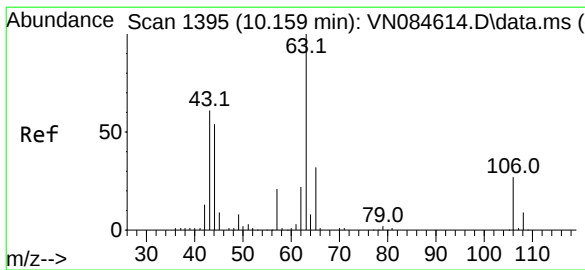
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#54
1,2-Dibromoethane
Concen: 19.536 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion:107 Resp: 40593
Ion Ratio Lower Upper
107 100
109 93.8 73.4 110.0





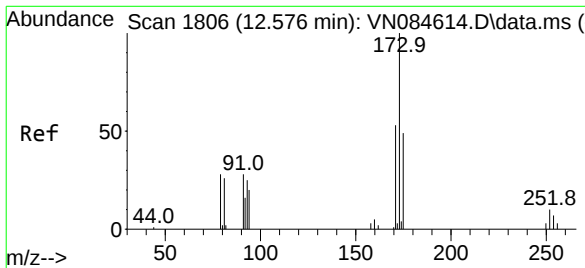
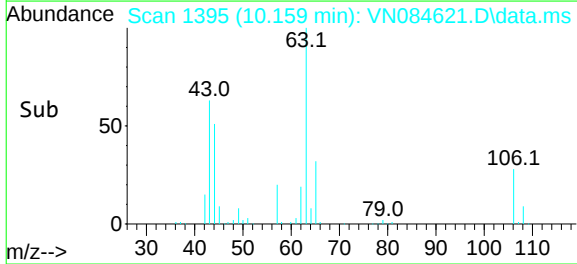
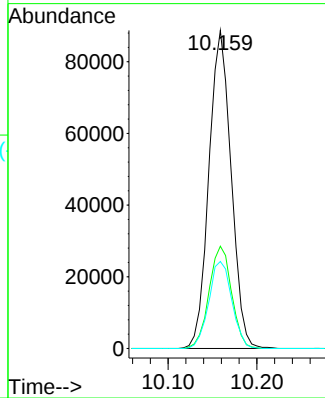
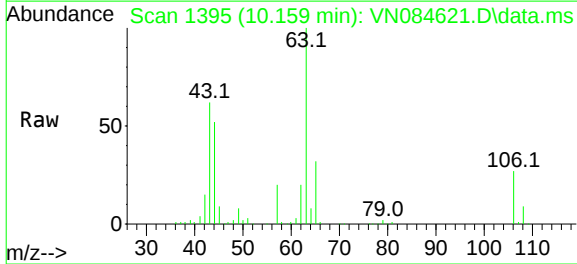
#55
2-Chloroethyl vinyl ether
Concen: 99.331 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

Tgt Ion: 63 Resp: 154220
Ion Ratio Lower Upper
63 100
65 32.6 25.5 38.3
106 28.5 22.3 33.5

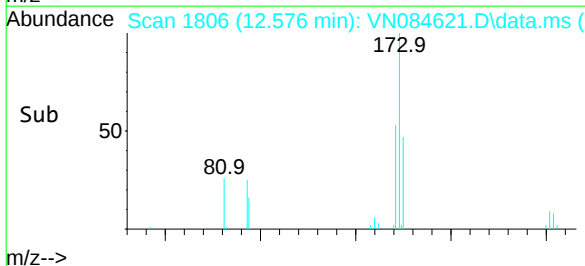
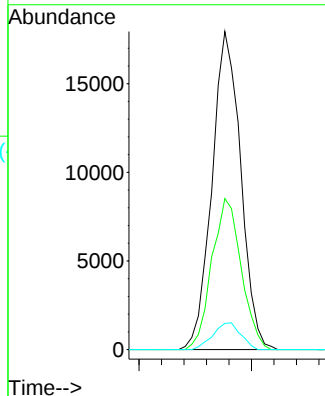
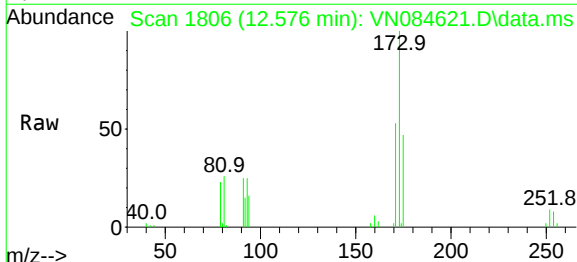
Manual Integrations
APPROVED

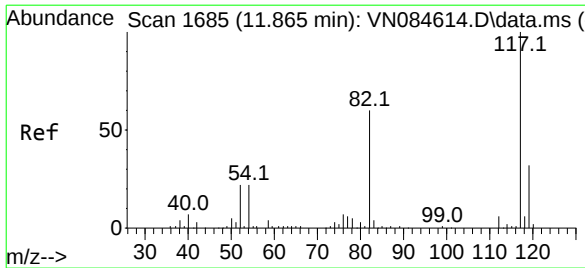
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#56
Bromoform
Concen: 19.755 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion:173 Resp: 31835
Ion Ratio Lower Upper
173 100
175 48.5 39.4 59.2
254 8.2 6.4 9.6





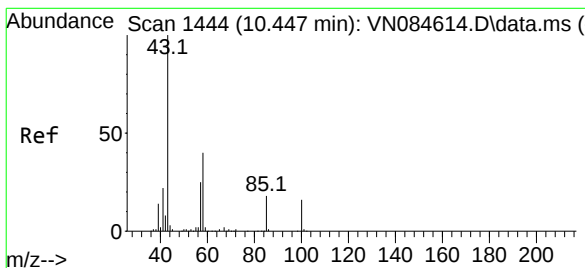
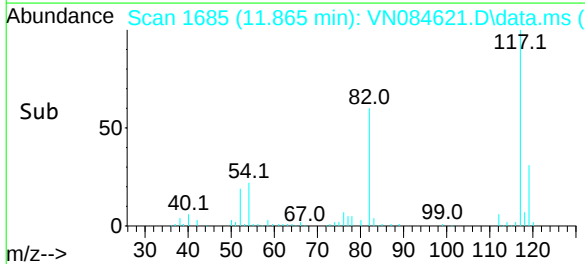
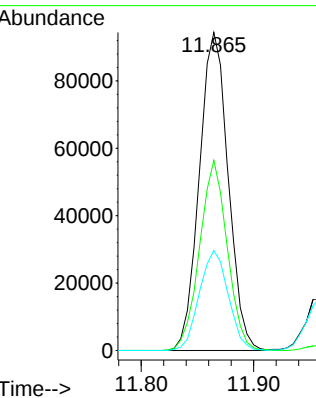
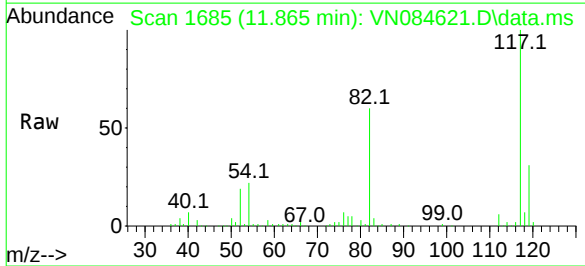
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

Tgt Ion:	117	Resp:	167999
Ion	Ratio	Lower	Upper
117	100		
82	57.3	45.5	68.3
119	31.4	25.3	37.9

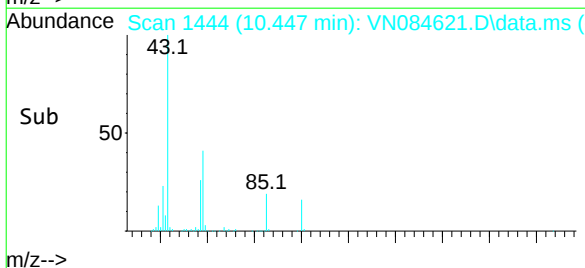
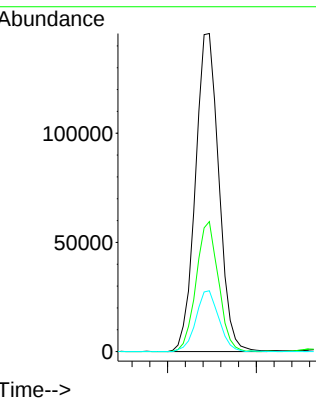
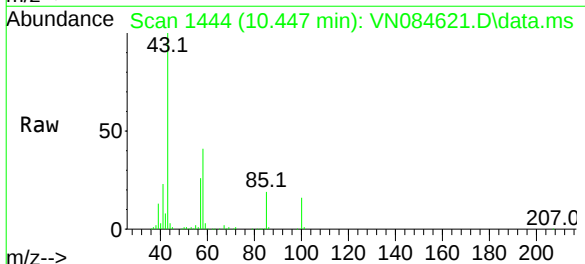
Manual Integrations
APPROVED

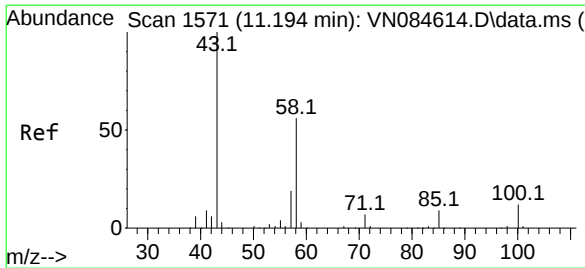
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#58
4-Methyl-2-Pentanone
Concen: 100.773 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion:	43	Resp:	267088
Ion	Ratio	Lower	Upper
43	100		
58	38.9	31.2	46.8
85	18.7	14.9	22.3





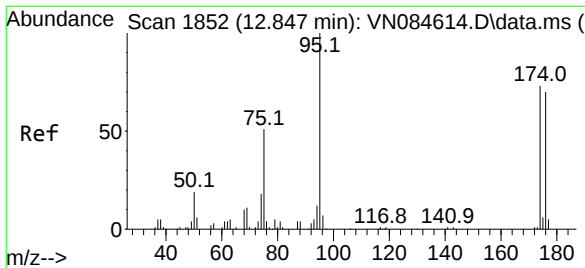
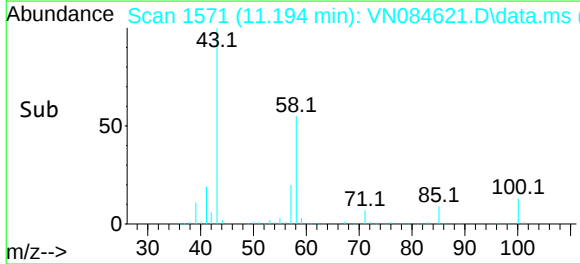
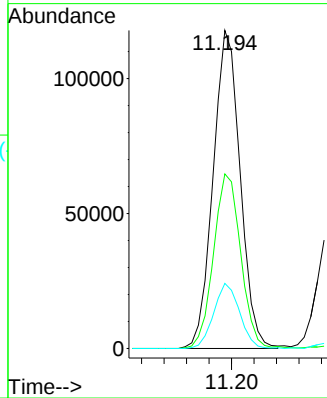
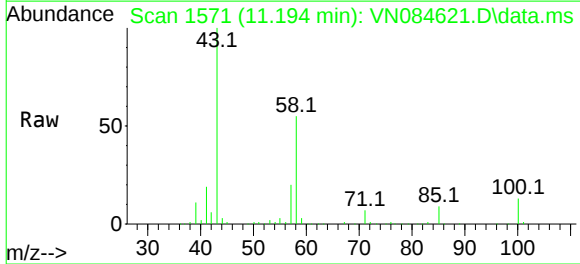
#59
2-Hexanone
Concen: 101.473 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

Tgt Ion:	43	Resp:	196936
Ion Ratio	43	100	
Lower	58	54.9	43.8
Upper	57	19.6	15.0

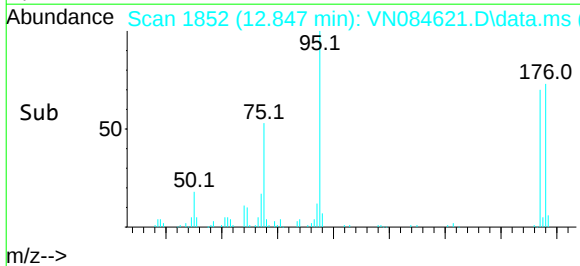
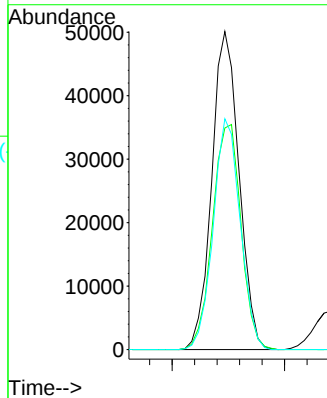
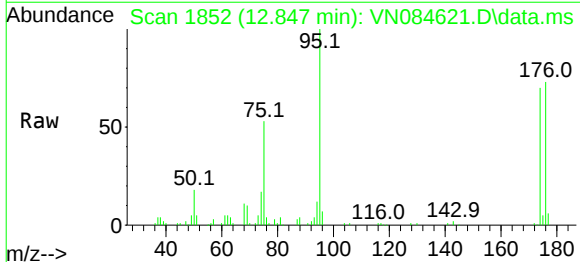
Manual Integrations
APPROVED

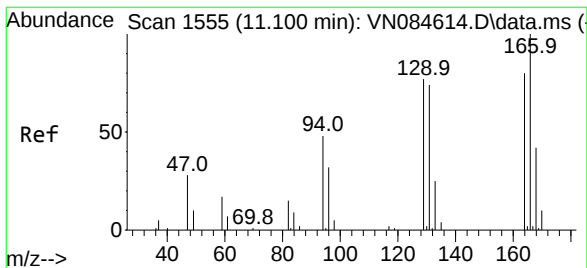
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#60
4-Bromofluorobenzene
Concen: 29.197 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

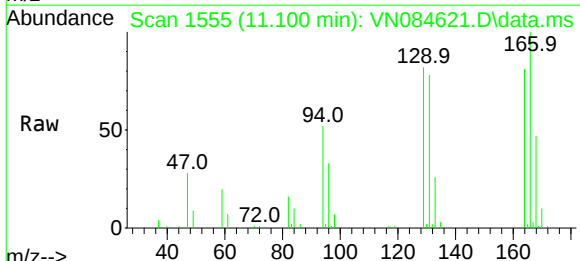
Tgt Ion:	95	Resp:	84456
Ion Ratio	95	100	
Lower	174	74.0	59.6
Upper	176	71.8	58.6





#61
Tetrachloroethene
Concen: 19.727 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

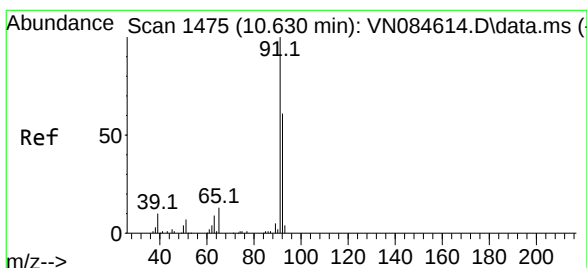
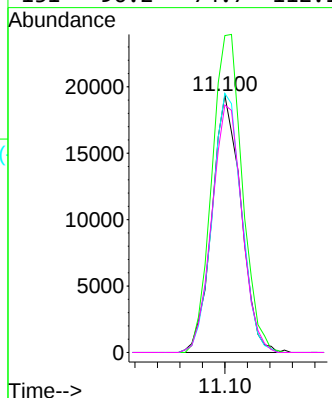
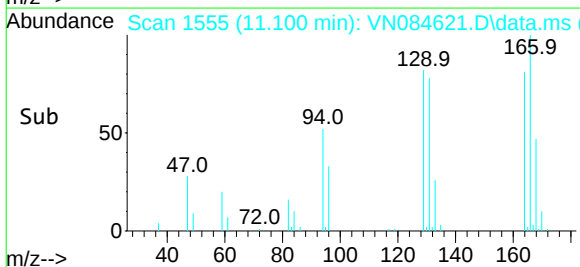
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



Tgt Ion:164 Resp: 34684
Ion Ratio Lower Upper
164 100
166 123.2 100.5 150.7
129 100.7 77.7 116.5
131 96.2 74.7 112.1

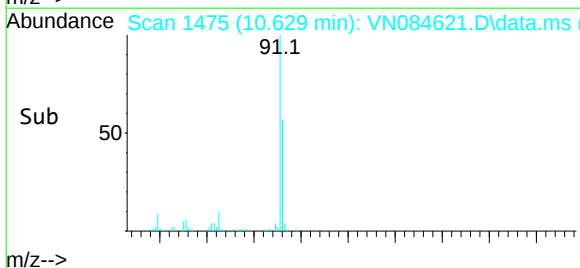
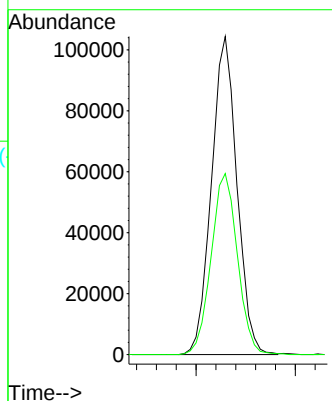
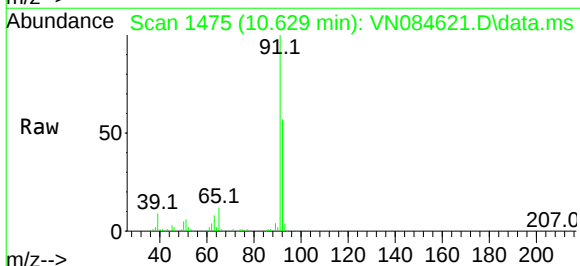
Manual Integrations
APPROVED

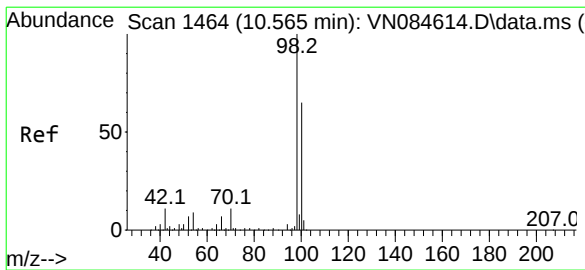
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#62
Toluene
Concen: 19.467 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

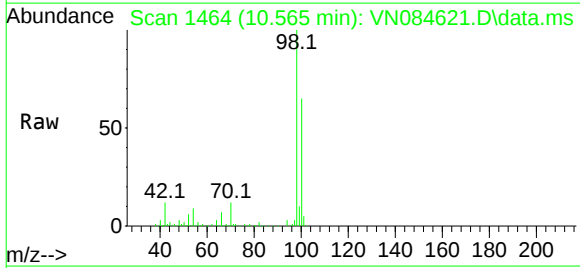
Tgt Ion: 91 Resp: 186269
Ion Ratio Lower Upper
91 100
92 58.7 47.5 71.3





#63
Toluene-d8
Concen: 29.360 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

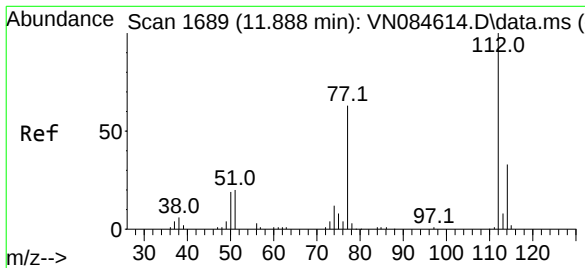
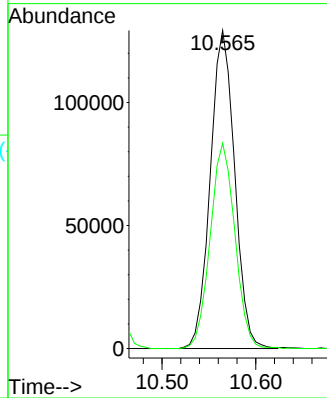
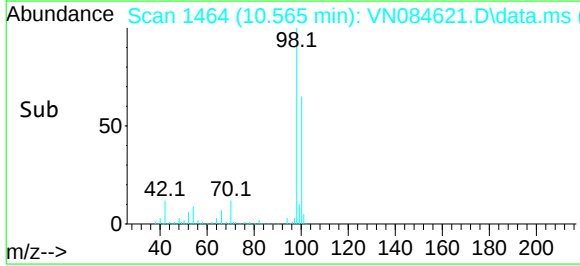
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



Tgt Ion: 98 Resp: 233505
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.2

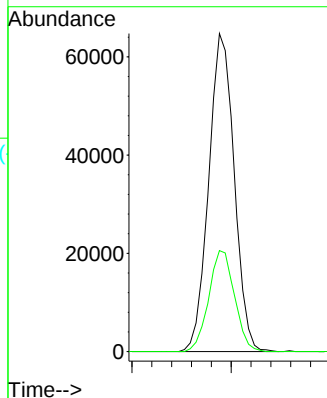
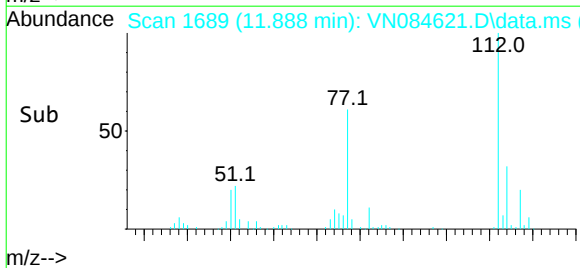
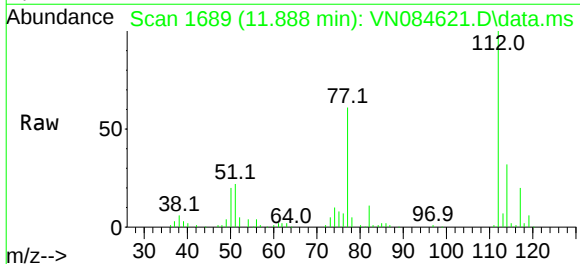
Manual Integrations
APPROVED

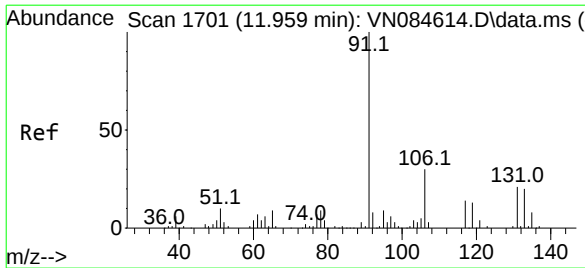
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#64
Chlorobenzene
Concen: 20.010 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion:112 Resp: 115588
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.4





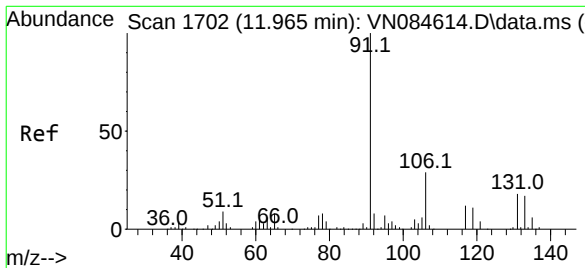
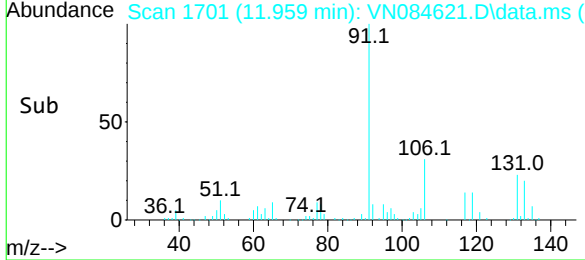
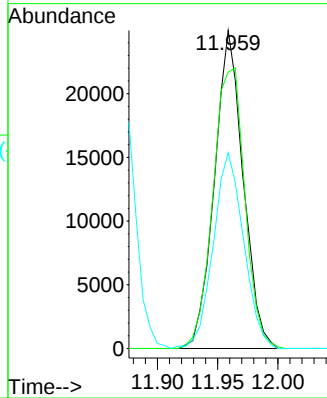
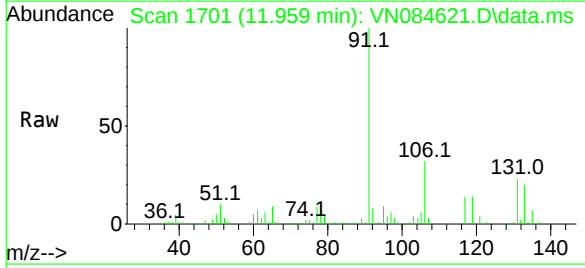
#65
1,1,1,2-Tetrachloroethane
Concen: 19.448 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

Tgt Ion:131 Resp: 41286
Ion Ratio Lower Upper
131 100
133 98.1 0.0 189.2
119 65.1 0.0 129.4

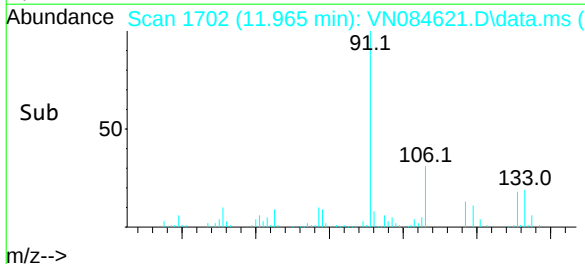
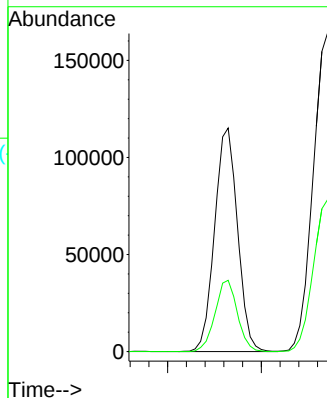
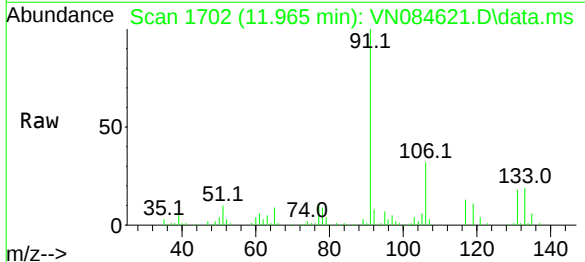
Manual Integrations
APPROVED

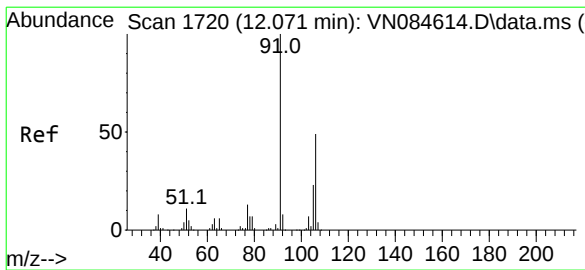
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#66
Ethyl Benzene
Concen: 19.471 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion: 91 Resp: 195795
Ion Ratio Lower Upper
91 100
106 31.9 22.9 34.3





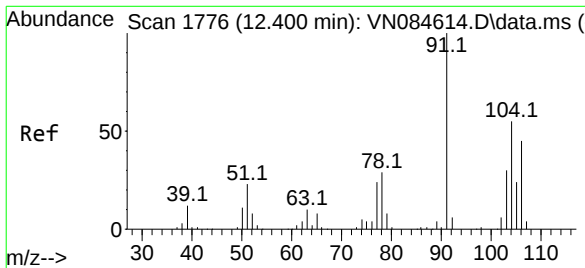
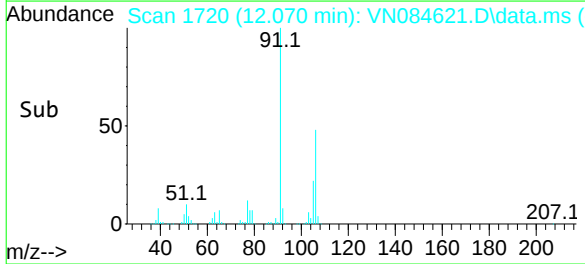
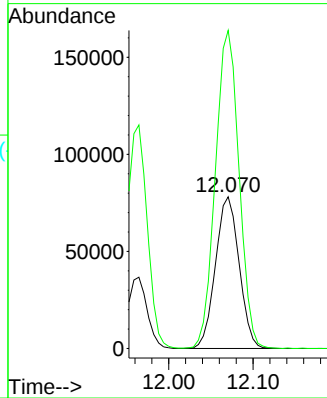
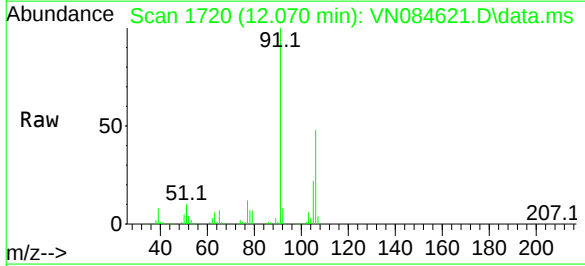
#67
m/p-Xylenes
Concen: 39.532 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

Tgt Ion:106 Resp: 152197
Ion Ratio Lower Upper
106 100
91 209.7 168.1 252.1

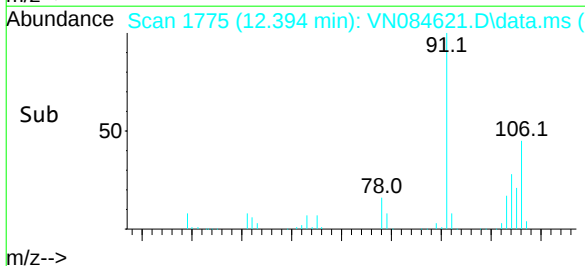
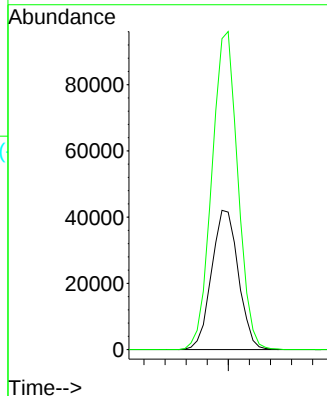
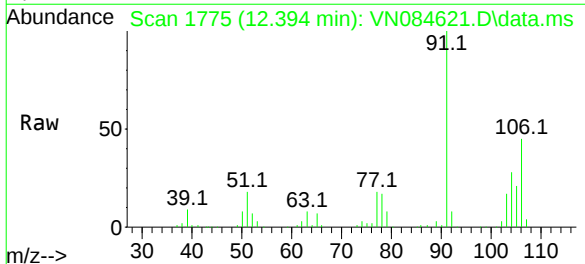
Manual Integrations
APPROVED

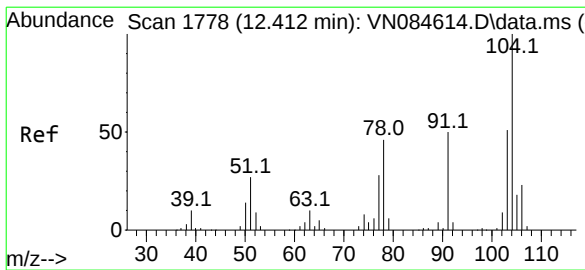
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#68
o-Xylene
Concen: 20.000 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion:106 Resp: 74275
Ion Ratio Lower Upper
106 100
91 221.3 107.7 322.9





#69

Styrene

Concen: 20.274 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

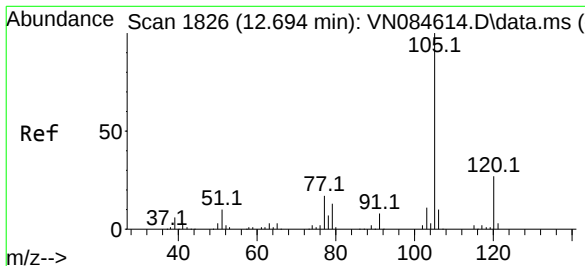
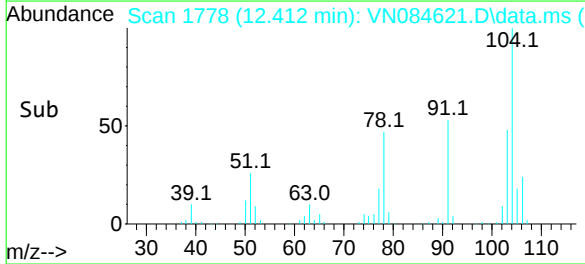
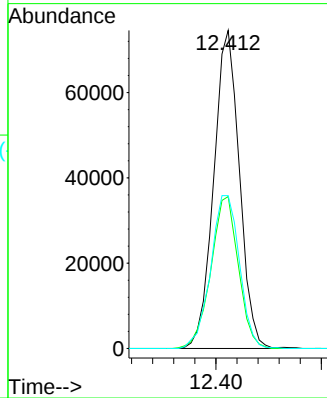
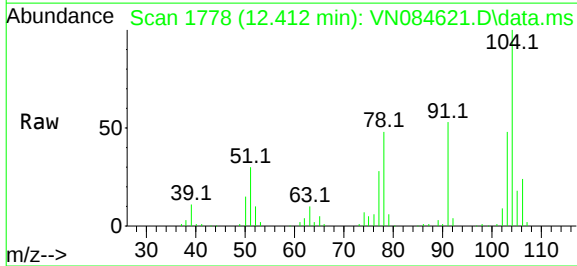
VN1031WBSD01

Tgt Ion:	104	Resp:	126243
Ion Ratio	Lower	Upper	
104	100		
78	51.0	41.5	62.3
103	54.0	44.6	67.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#70

Isopropylbenzene

Concen: 20.058 ug/l

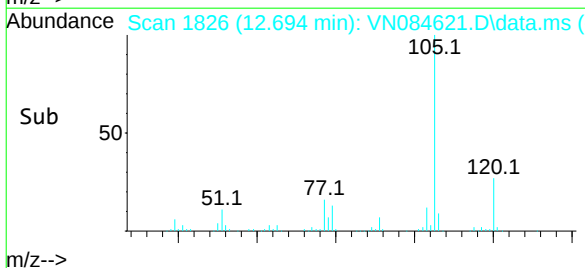
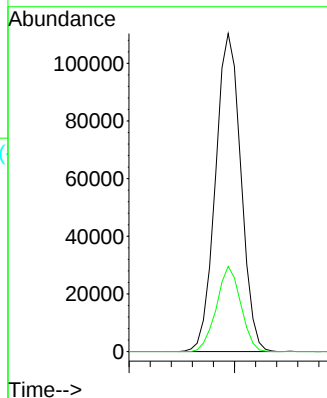
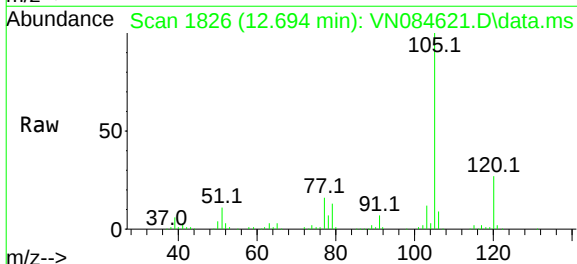
RT: 12.694 min Scan# 1826

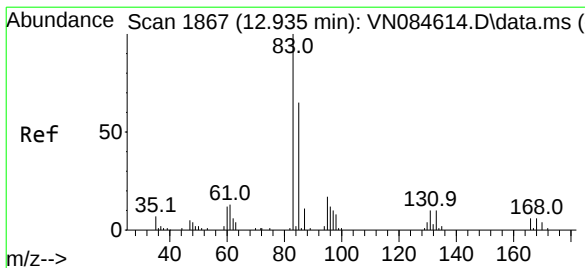
Delta R.T. -0.000 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

Tgt Ion:	105	Resp:	185047
Ion Ratio	Lower	Upper	
105	100		
120	25.5	18.7	34.7





#71

1,1,2,2-Tetrachloroethane

Concen: 20.048 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

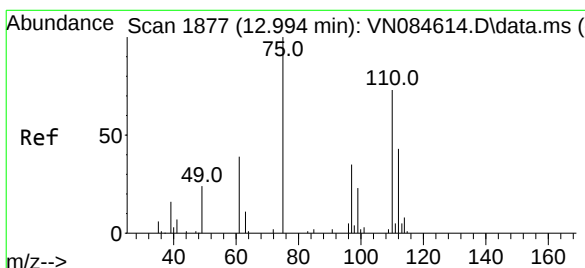
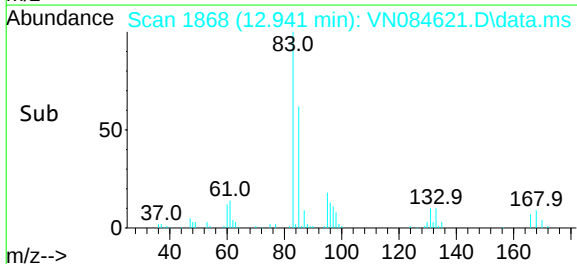
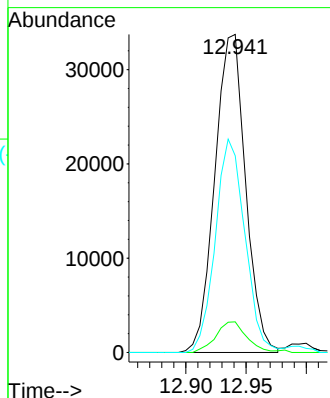
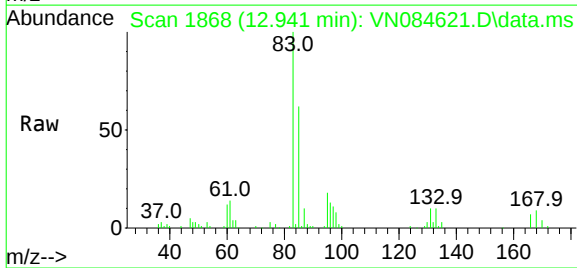
VN1031WBSD01

Tgt Ion:	83	Resp:	59950
Ion Ratio	Lower	Upper	
83	100		
131	9.6	5.1	15.3
85	64.4	33.3	99.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#72

1,2,3-Trichloropropane

Concen: 19.489 ug/l m

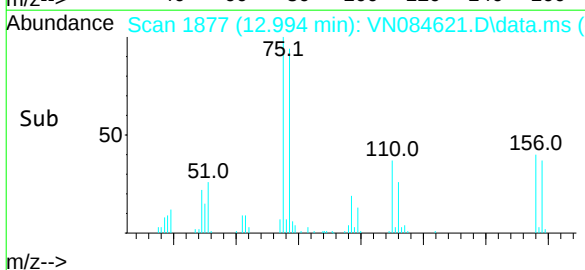
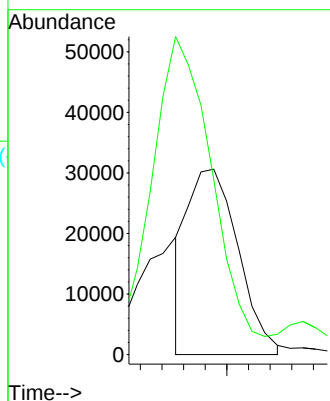
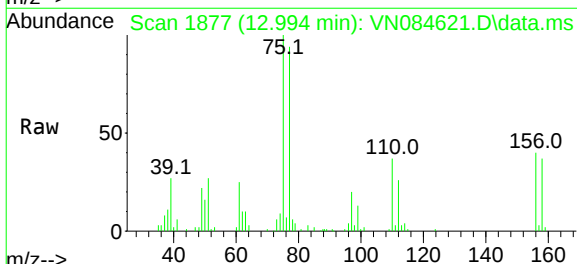
RT: 12.994 min Scan# 1877

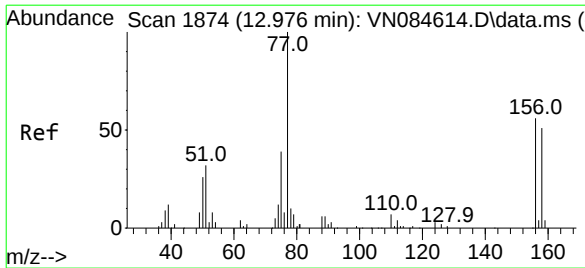
Delta R.T. -0.000 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

Tgt Ion:	75	Resp:	49762
Ion Ratio	Lower	Upper	
75	100		
77	208.8	0.0	358.4





#73

Bromobenzene

Concen: 19.982 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

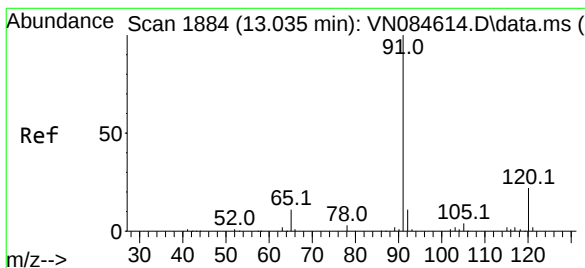
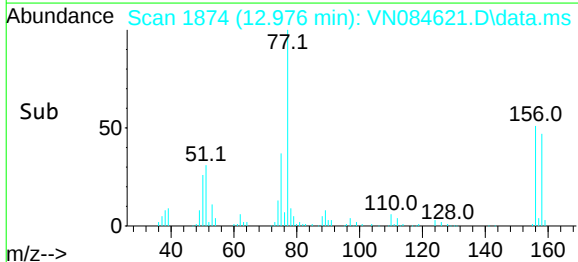
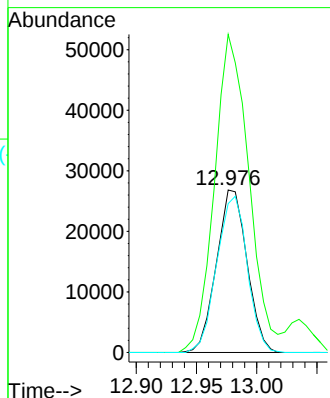
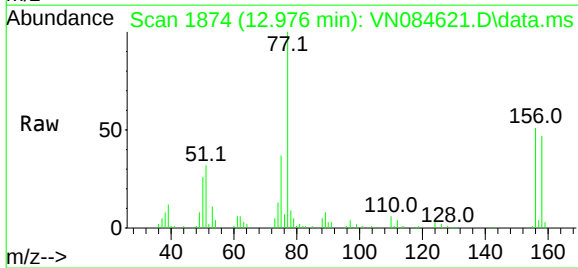
VN1031WBSD01

Tgt Ion:	156	Resp:	47545
Ion Ratio	Lower	Upper	
156	100		
77	218.5	0.0	427.6
158	95.8	0.0	191.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#74

n-propylbenzene

Concen: 20.085 ug/l

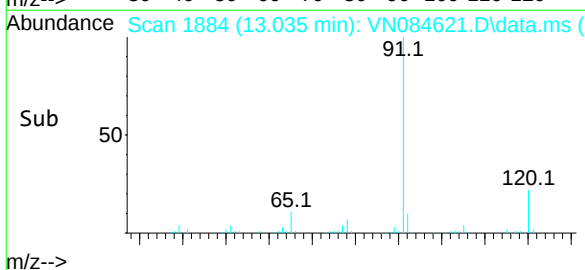
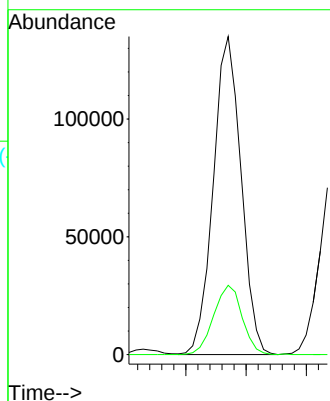
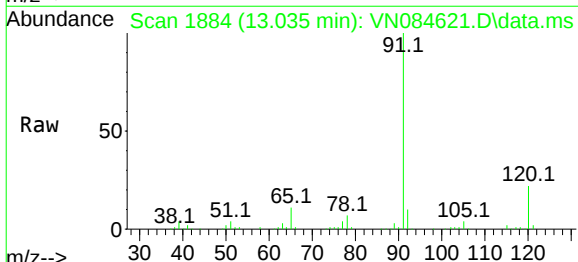
RT: 13.035 min Scan# 1884

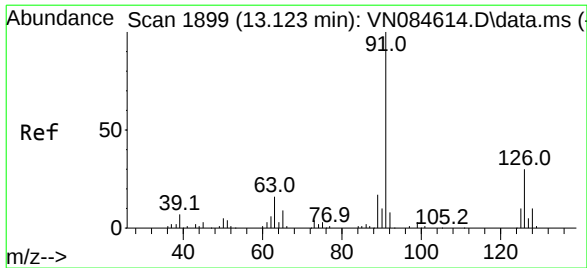
Delta R.T. -0.000 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

Tgt Ion:	91	Resp:	216677
Ion Ratio	Lower	Upper	
91	100		
120	22.2	0.0	44.0





#75

2-Chlorotoluene

Concen: 20.181 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01

Tgt Ion: 91 Resp: 141777

Ion Ratio Lower Upper

91 100

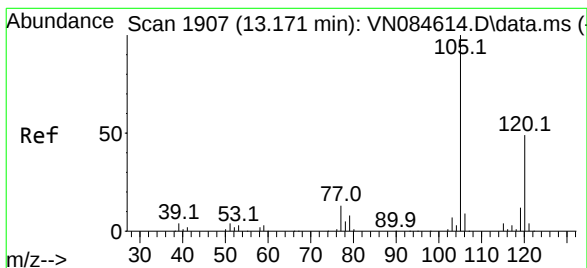
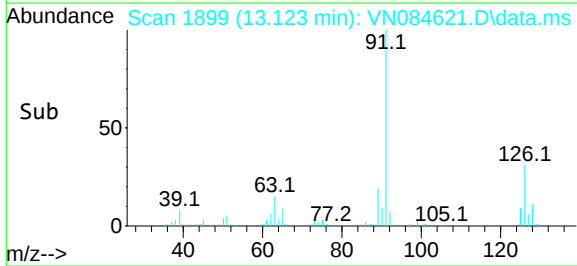
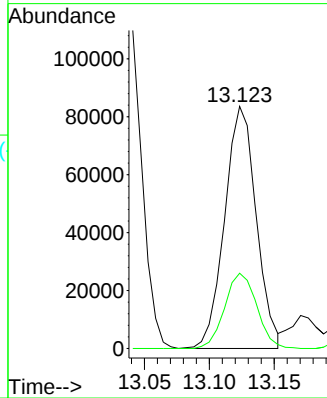
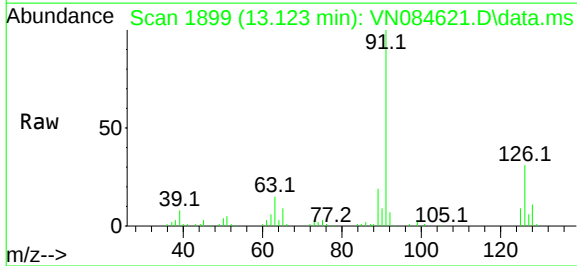
126 31.5 0.0 60.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/04/2024

Supervised By :Mahesh Dadoda 11/04/2024



#76

1,3,5-Trimethylbenzene

Concen: 20.483 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN084621.D

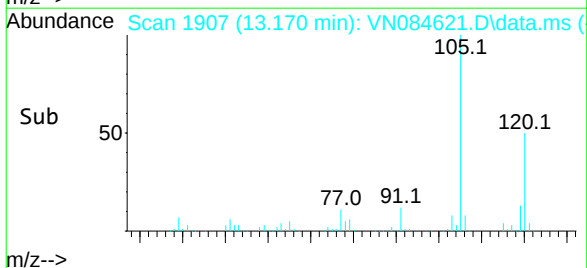
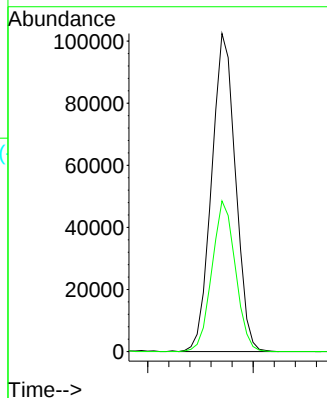
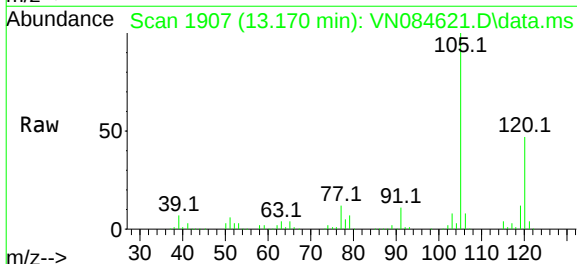
Acq: 31 Oct 2024 15:49

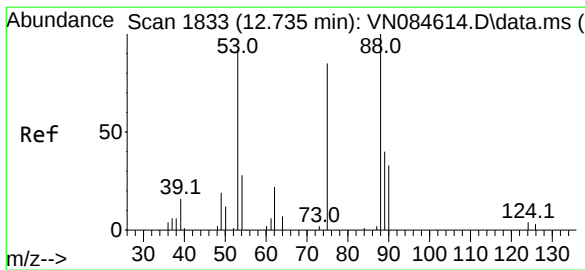
Tgt Ion:105 Resp: 161455

Ion Ratio Lower Upper

105 100

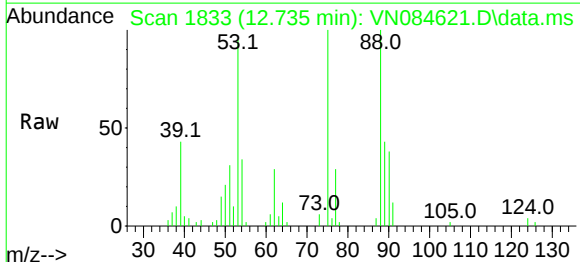
120 46.5 0.0 96.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.923 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

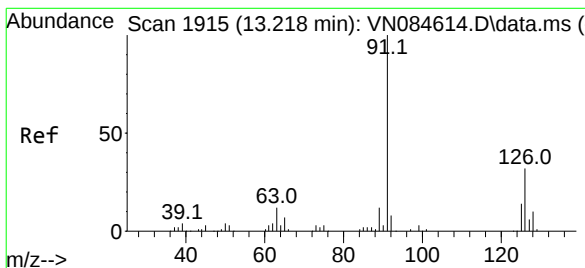
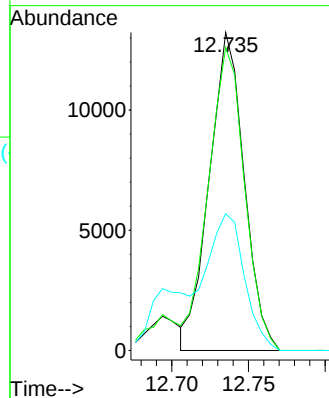
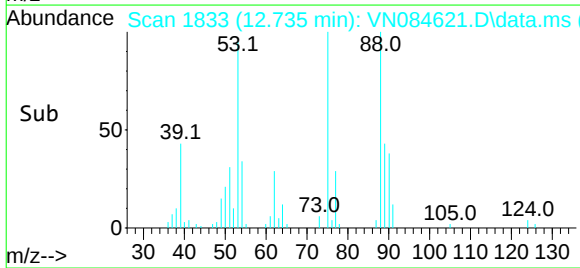
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



Tgt Ion: 75 Resp: 20864
Ion Ratio Lower Upper
75 100
53 95.3 52.4 157.2
89 43.0 26.0 78.0

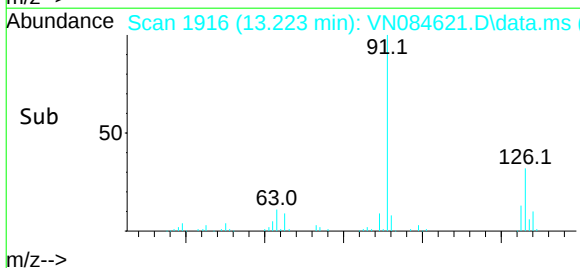
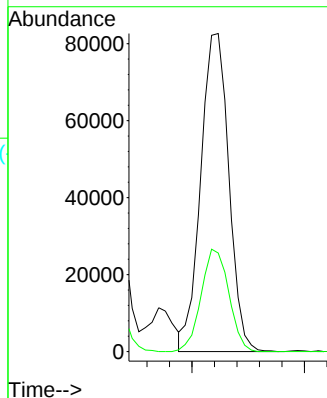
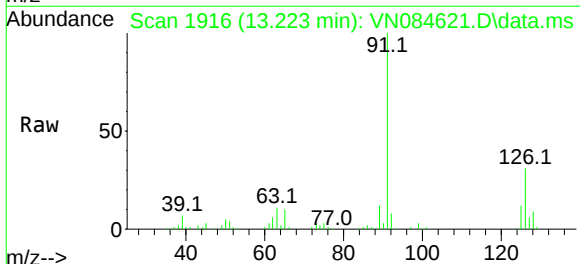
Manual Integrations
APPROVED

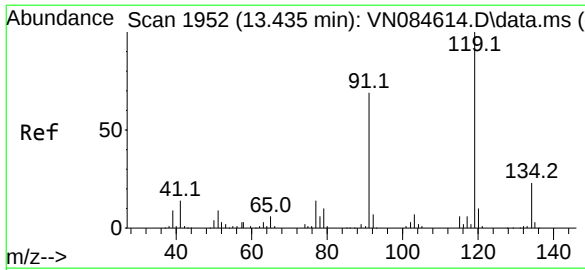
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#78
4-Chlorotoluene
Concen: 20.204 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion: 91 Resp: 143411
Ion Ratio Lower Upper
91 100
126 31.8 0.0 63.4





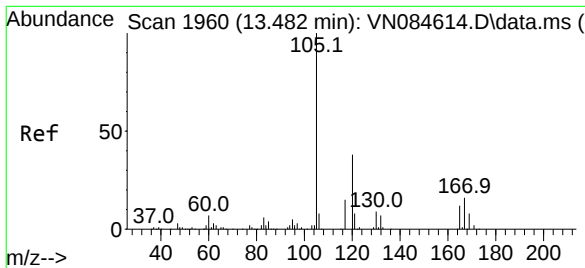
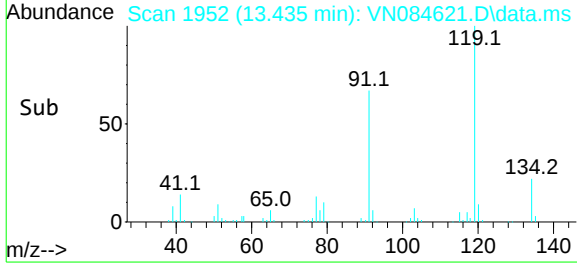
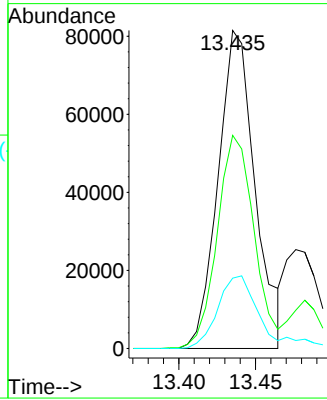
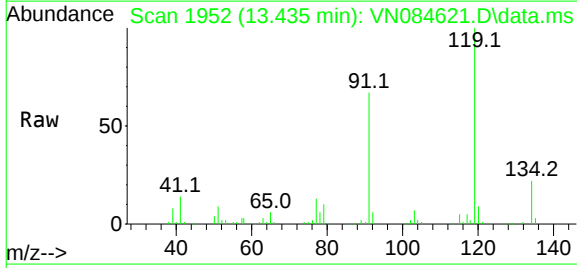
#79
tert-butylbenzene
Concen: 21.007 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

Tgt Ion:119 Resp: 136935
Ion Ratio Lower Upper
119 100
91 66.6 0.0 143.2
134 23.7 0.0 49.4

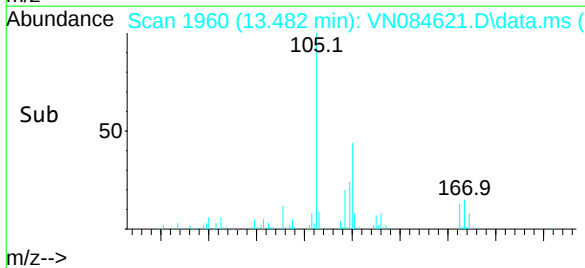
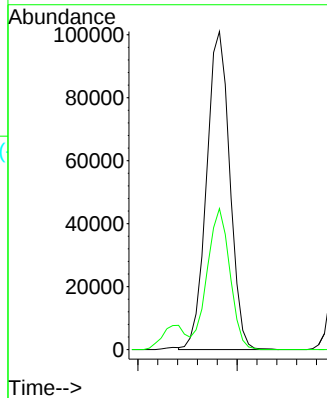
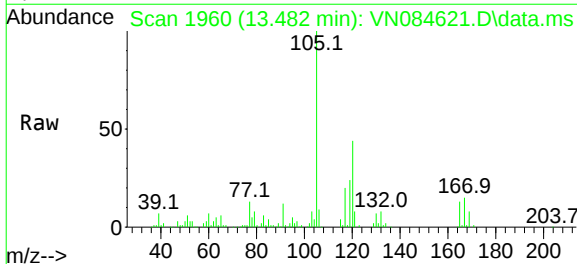
Manual Integrations
APPROVED

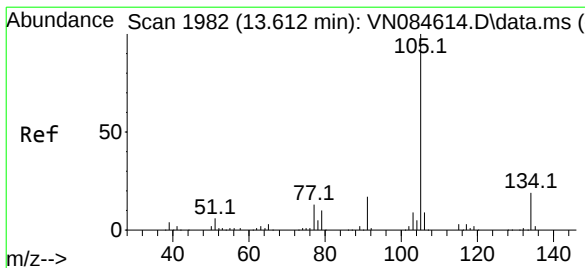
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#80
1,2,4-Trimethylbenzene
Concen: 20.632 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion:105 Resp: 164066
Ion Ratio Lower Upper
105 100
120 43.3 0.0 90.4





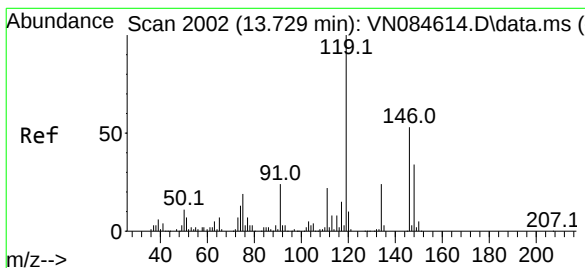
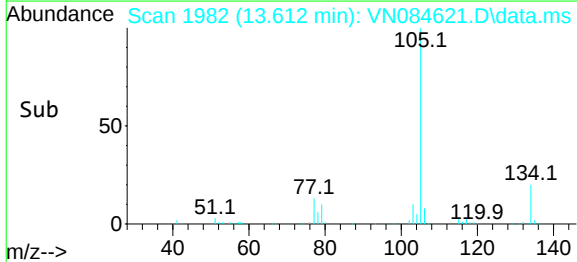
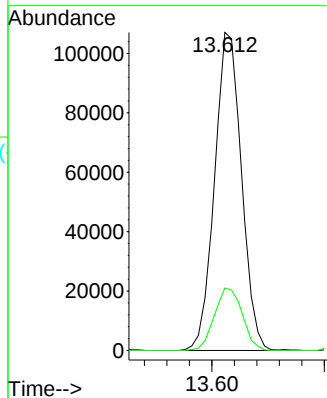
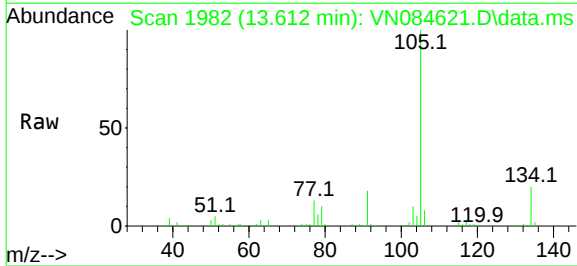
#81
sec-Butylbenzene
Concen: 19.805 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

Tgt Ion:105 Resp: 177891
Ion Ratio Lower Upper
105 100
134 20.2 0.0 39.0

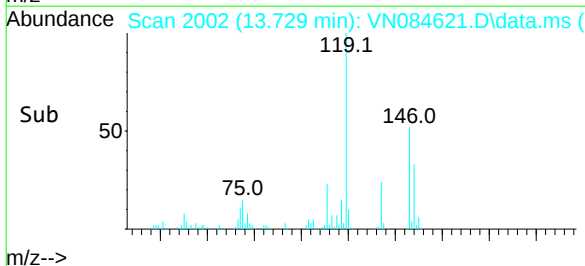
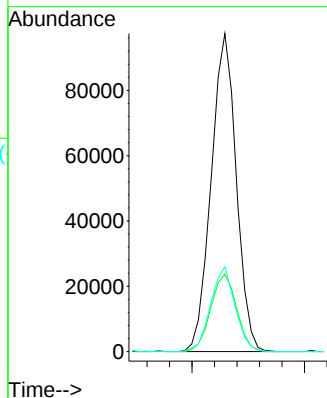
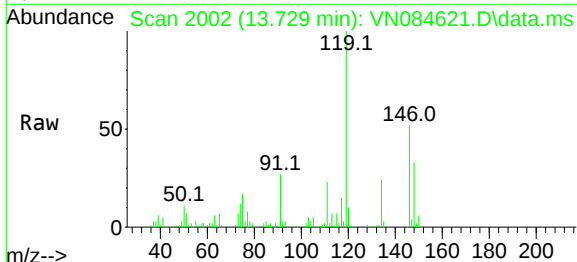
Manual Integrations
APPROVED

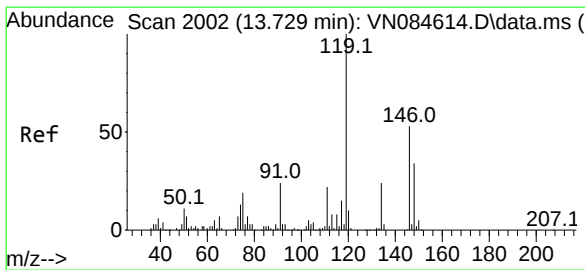
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#82
p-Isopropyltoluene
Concen: 19.973 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion:119 Resp: 150744
Ion Ratio Lower Upper
119 100
134 25.1 0.0 51.4
91 26.0 0.0 50.4





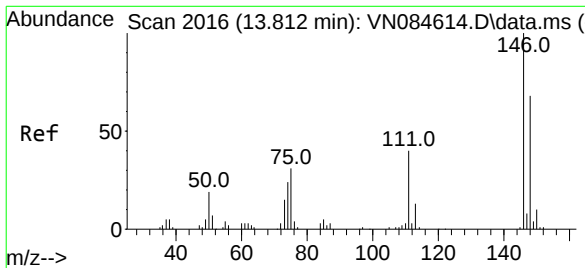
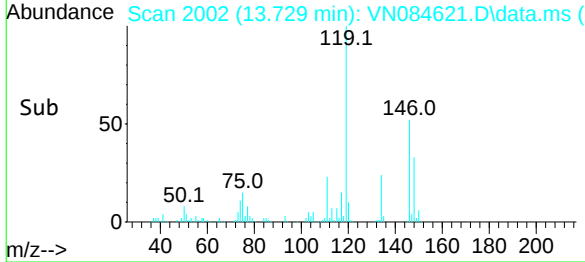
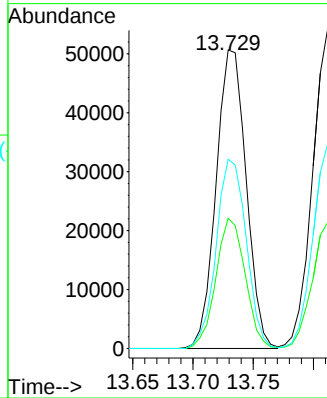
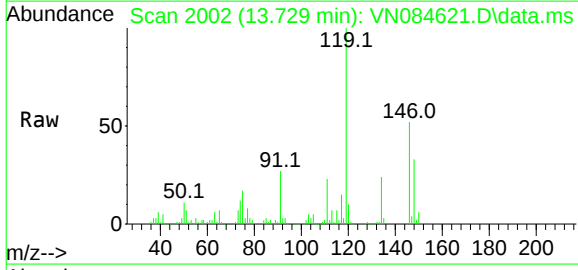
#83
1,3-Dichlorobenzene
Concen: 20.022 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.0	63.0
148	63.3	31.3	93.8

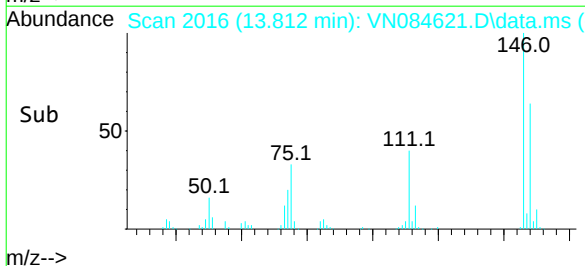
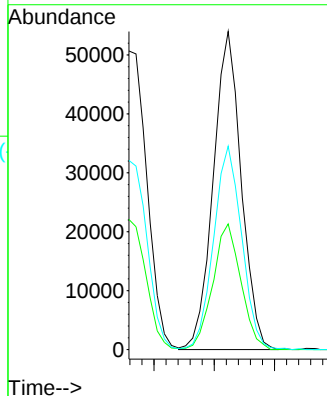
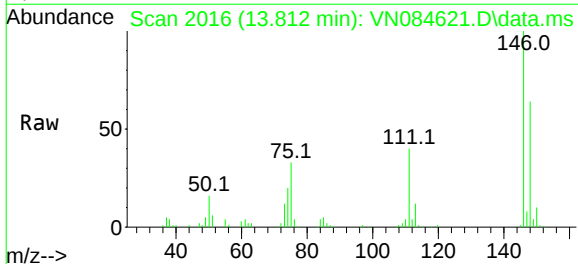
Manual Integrations
APPROVED

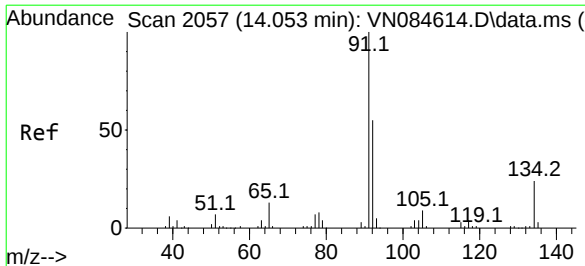
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#84
1,4-Dichlorobenzene
Concen: 19.995 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.2	60.5
148	64.3	32.6	98.0





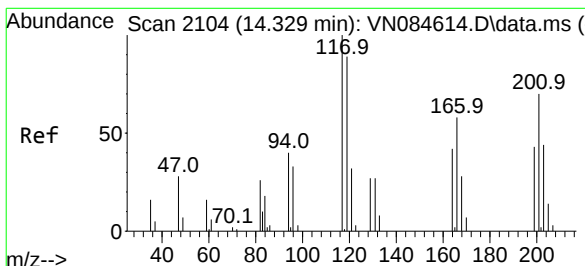
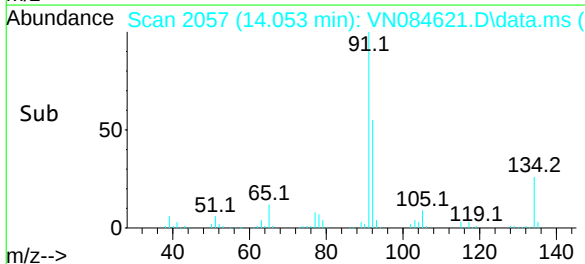
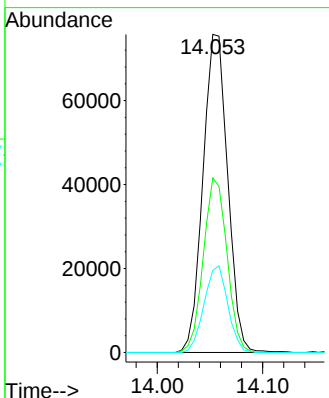
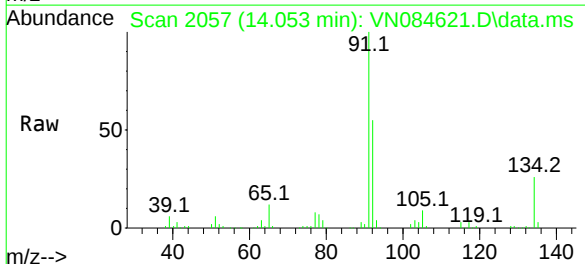
#85
n-Butylbenzene
Concen: 19.495 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

Tgt Ion: 91 Resp: 123578
Ion Ratio Lower Upper
91 100
92 52.4 0.0 106.2
134 26.1 0.0 48.2

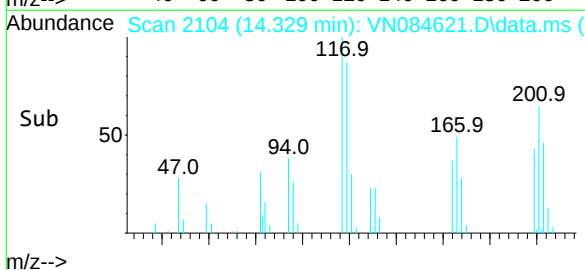
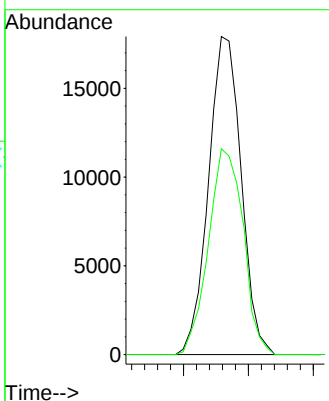
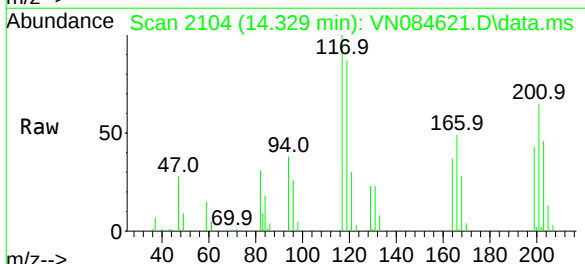
Manual Integrations
APPROVED

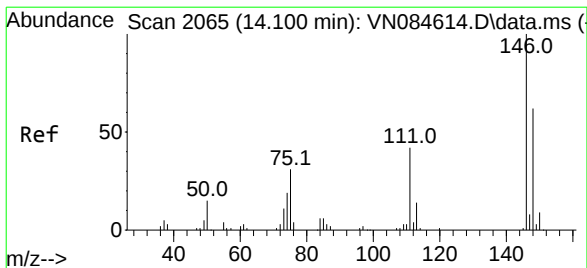
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#86
Hexachloroethane
Concen: 20.333 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion:117 Resp: 31385
Ion Ratio Lower Upper
117 100
201 68.8 34.4 103.3





#87

1,2-Dichlorobenzene

Concen: 20.189 ug/l

RT: 14.106 min Scan# 2065

Delta R.T. 0.006 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

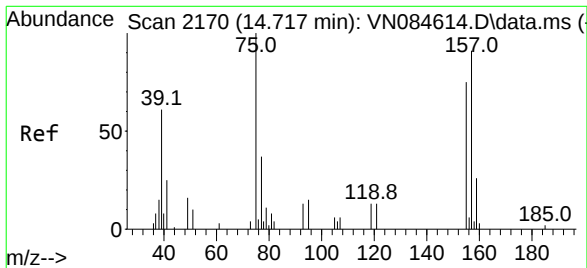
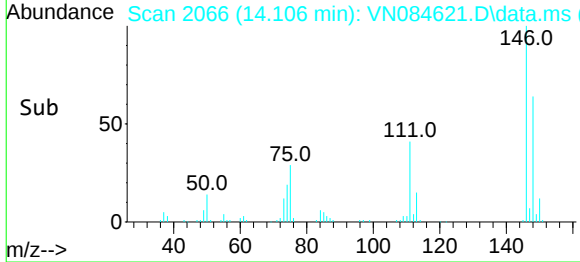
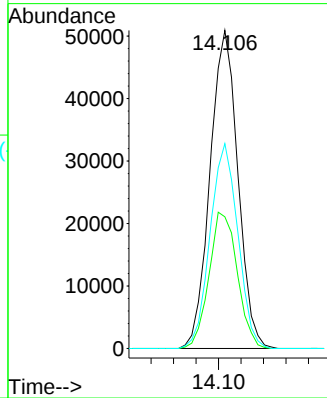
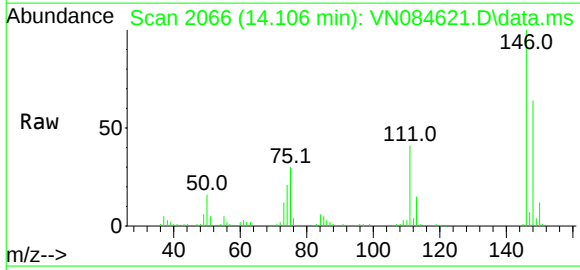
VN1031WBSD01

Tgt Ion:	146	Resp:	87547
Ion	Ratio	Lower	Upper
146	100		
111	43.5	22.4	67.0
148	64.2	32.6	98.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 21.744 ug/l

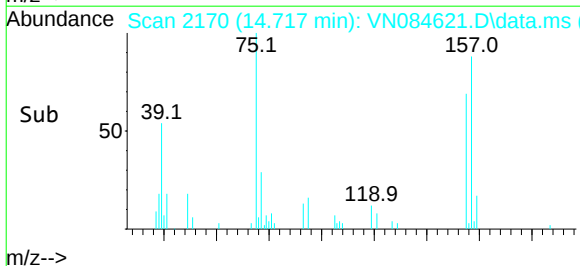
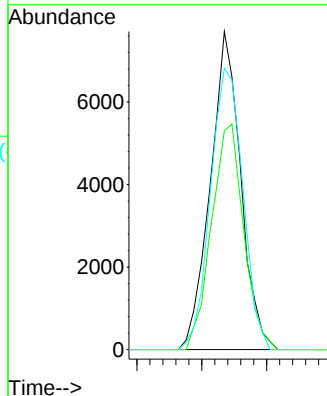
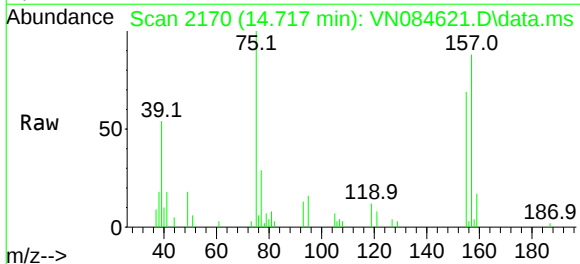
RT: 14.717 min Scan# 2170

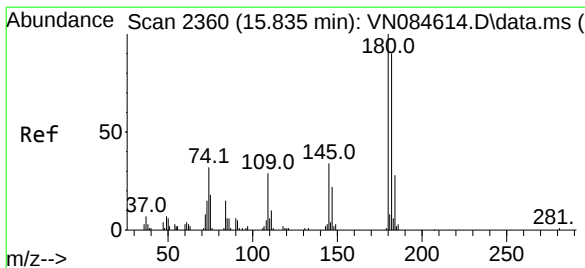
Delta R.T. -0.000 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

Tgt Ion:	75	Resp:	12546
Ion	Ratio	Lower	Upper
75	100		
155	75.0	61.8	92.6
157	94.2	74.7	112.1





#89

1,2,4-Trichlorobenzene

Concen: 19.915 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

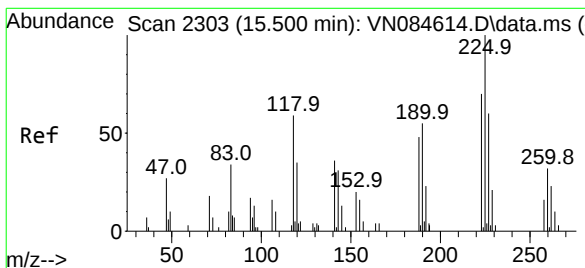
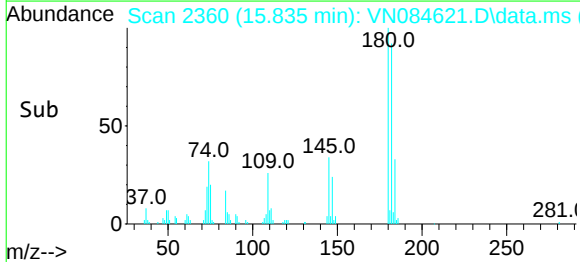
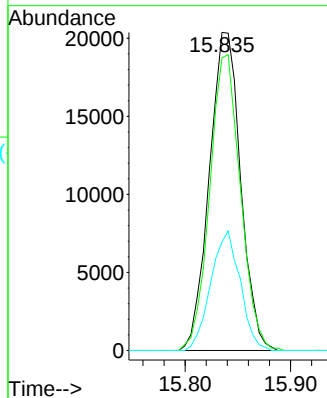
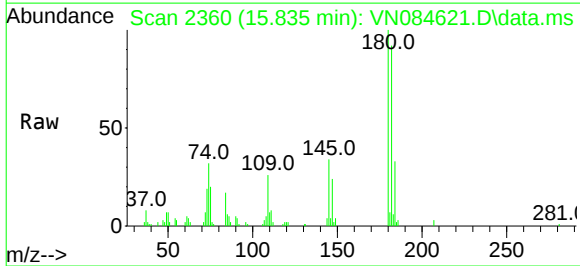
VN1031WBSD01

Tgt Ion:	180	Resp:	42048
Ion Ratio	Lower	Upper	
180	100		
182	91.1	73.0	109.6
145	35.2	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#90

Hexachlorobutadiene

Concen: 21.456 ug/l

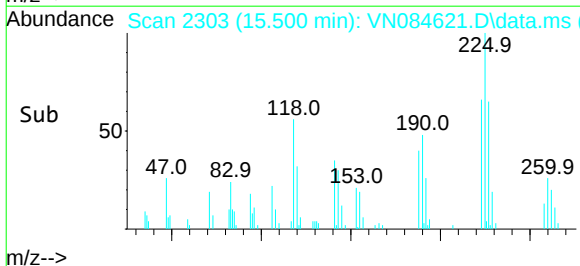
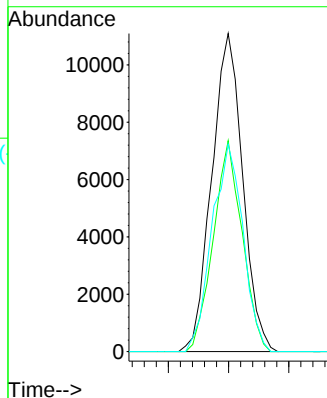
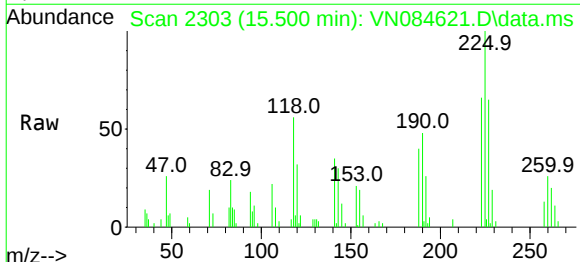
RT: 15.500 min Scan# 2303

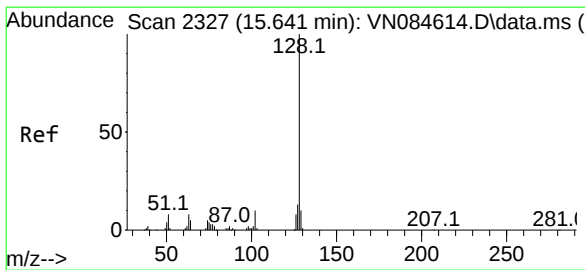
Delta R.T. -0.000 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

Tgt Ion:	225	Resp:	19789
Ion Ratio	Lower	Upper	
225	100		
223	61.9	0.0	138.8
227	65.5	0.0	123.2





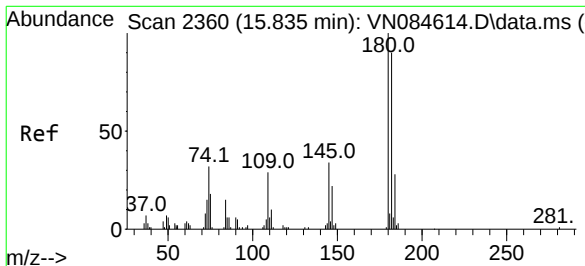
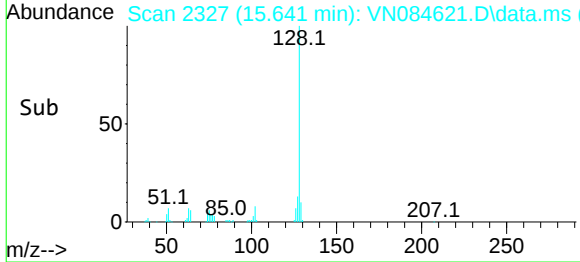
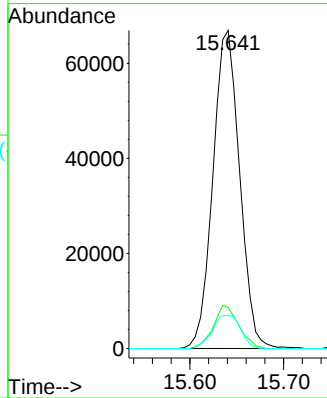
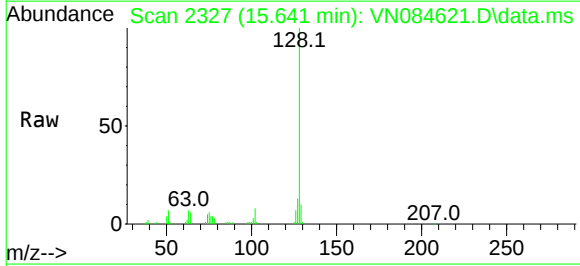
#91
Naphthalene
Concen: 19.636 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

Tgt Ion:	128	Resp:	132406
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	10.9	8.6	12.8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#92
1,2,3-Trichlorobenzene
Concen: 19.915 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion:	180	Resp:	42048
Ion Ratio	Lower	Upper	
180	100		
182	91.1	0.0	182.6
145	35.2	0.0	66.2

