

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103124\
 Data File : VN084619.D
 Acq On : 31 Oct 2024 14:42
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN103124

Quant Time: Nov 01 02:42:26 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	7.812	128	33219	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	181690	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	170699	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	78518	29.401	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.000%		
60) 4-Bromofluorobenzene	12.847	95	87996	29.939	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.800%		
63) Toluene-d8	10.565	98	235463	29.138	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	97.133%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	39007	20.189	ug/l	96
3) Chloromethane	2.359	50	45924	19.742	ug/l	96
4) Vinyl Chloride	2.512	62	43634	20.200	ug/l	96
5) Bromomethane	2.900	94	21634	19.733	ug/l	100
6) Chloroethane	3.077	64	27349	19.284	ug/l #	89
7) Trichlorofluoromethane	3.471	101	70373	20.061	ug/l	100
8) Diethyl Ether	3.953	74	26411	21.107	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.353	101	41161	20.762	ug/l	98
10) 1,1-Dichloroethene	4.330	96	38591	19.934	ug/l	94
11) Methyl Iodide	4.577	142	52797	19.843	ug/l	92
12) Methyl Acetate	5.018	43	54572	18.084	ug/l	98
13) Acrolein	4.171	56	36257	97.432	ug/l	97
14) Acrylonitrile	5.718	53	99433	100.722	ug/l	97
15) Acetone	4.430	58	26069	102.773	ug/l	95
16) Carbon Disulfide	4.700	76	112949	19.828	ug/l	98
17) Allyl chloride	5.012	41	62388	18.913	ug/l	93
18) Methylene Chloride	5.265	84	43401	19.131	ug/l	98
19) trans-1,2-Dichloroethene	5.783	96	39248	19.342	ug/l	94
20) Diisopropyl ether	6.665	45	129663	19.635	ug/l	97
21) 1,1-Dichloroethane	6.565	63	76784	19.334	ug/l	97
22) cis-1,2-Dichloroethene	7.482	96	46989	19.396	ug/l	97
23) tert-Butyl Alcohol	5.541	59	37052	107.508	ug/l #	100
24) Methyl tert-Butyl Ether	5.788	73	122468	19.562	ug/l	100
25) Chloroform	7.965	83	79286	19.486	ug/l	97
26) Cyclohexane	8.253	56	62127	20.480	ug/l #	99
29) 1,1-Dichloropropene	8.371	75	53477	19.541	ug/l	99
30) 2-Butanone	7.482	43	126487	100.199	ug/l	100
31) 2,2-Dichloropropane	7.488	77	66622	19.943	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	71786	19.308	ug/l	99
33) Carbon Tetrachloride	8.365	117	62252	19.622	ug/l	94
34) Benzene	8.606	78	173675	19.200	ug/l #	95
35) Methacrylonitrile	7.777	41	29897	19.983	ug/l	98
36) 1,2-Dichloroethane	8.671	62	57389	19.078	ug/l	99
37) Trichloroethene	9.353	130	40639	19.915	ug/l	85
38) Methylcyclohexane	9.600	83	57621	19.559	ug/l	97
39) 1,2-Dichloropropane	9.623	63	41855	19.222	ug/l	90
40) Dibromomethane	9.706	93	29763	19.539	ug/l	97
41) Bromodichloromethane	9.882	83	63336	19.395	ug/l	94
42) Vinyl Acetate	6.600	43	471501	99.926	ug/l	100

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	52600	19.830	ug/l	96
44) Isopropyl Acetate	8.688	43	98265	18.295	ug/l	100
45) 1,4-Dioxane	9.694	88	14685	409.524	ug/l	94
46) Methyl methacrylate	9.682	41	42350	19.620	ug/l	91
47) n-amyl Acetate	12.494	43	79469	19.811	ug/l	100
48) t-1,3-Dichloropropene	10.835	75	63042	19.551	ug/l	96
49) cis-1,3-Dichloropropene	10.312	75	67490	19.529	ug/l	97
50) 1,1,2-Trichloroethane	11.012	97	40428	19.786	ug/l	92
51) Ethyl methacrylate	10.870	69	61356	19.481	ug/l	96
52) 1,3-Dichloropropane	11.165	76	68595	19.341	ug/l	98
53) Dibromochloromethane	11.359	129	47080	19.690	ug/l	98
54) 1,2-Dibromoethane	11.465	107	40000	19.356	ug/l	96
55) 2-Chloroethyl vinyl ether	10.159	63	158206	102.456	ug/l	99
56) Bromoform	12.582	173	31892	19.898	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	269754	100.170	ug/l	98
59) 2-Hexanone	11.194	43	196485	99.639	ug/l	99
61) Tetrachloroethene	11.100	164	34173	19.129	ug/l	94
62) Toluene	10.629	91	184150	18.941	ug/l	99
64) Chlorobenzene	11.894	112	114563	19.519	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.959	131	40847	18.937	ug/l	97
66) Ethyl Benzene	11.965	91	193657	18.953	ug/l	95
67) m/p-Xylenes	12.070	106	153096	39.137	ug/l	98
68) o-Xylene	12.400	106	73335	19.434	ug/l	95
69) Styrene	12.412	104	124645	19.701	ug/l	99
70) Isopropylbenzene	12.694	105	188026	20.058	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.935	83	58559	19.273	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	55357m	21.337	ug/l	
73) Bromobenzene	12.982	156	46221	19.118	ug/l	94
74) n-propylbenzene	13.035	91	217666	19.858	ug/l	100
75) 2-Chlorotoluene	13.123	91	141697	19.851	ug/l	97
76) 1,3,5-Trimethylbenzene	13.170	105	160297	20.014	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	20549	19.312	ug/l	95
78) 4-Chlorotoluene	13.217	91	141472	19.616	ug/l	99
79) tert-butylbenzene	13.441	119	134979	20.379	ug/l	96
80) 1,2,4-Trimethylbenzene	13.482	105	160493	19.863	ug/l	99
81) sec-Butylbenzene	13.617	105	179829	19.704	ug/l	100
82) p-Isopropyltoluene	13.729	119	148622	19.381	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	86431	19.330	ug/l	97
84) 1,4-Dichlorobenzene	13.811	146	87143	19.724	ug/l	97
85) n-Butylbenzene	14.053	91	124802	19.377	ug/l	99
86) Hexachloroethane	14.335	117	30122	19.206	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	86578	19.650	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.717	75	12268	20.926	ug/l	98
89) 1,2,4-Trichlorobenzene	15.835	180	43307	20.187	ug/l	98
90) Hexachlorobutadiene	15.500	225	19143	20.428	ug/l	96
91) Naphthalene	15.641	128	132615	19.356	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	43307	20.187	ug/l	98

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

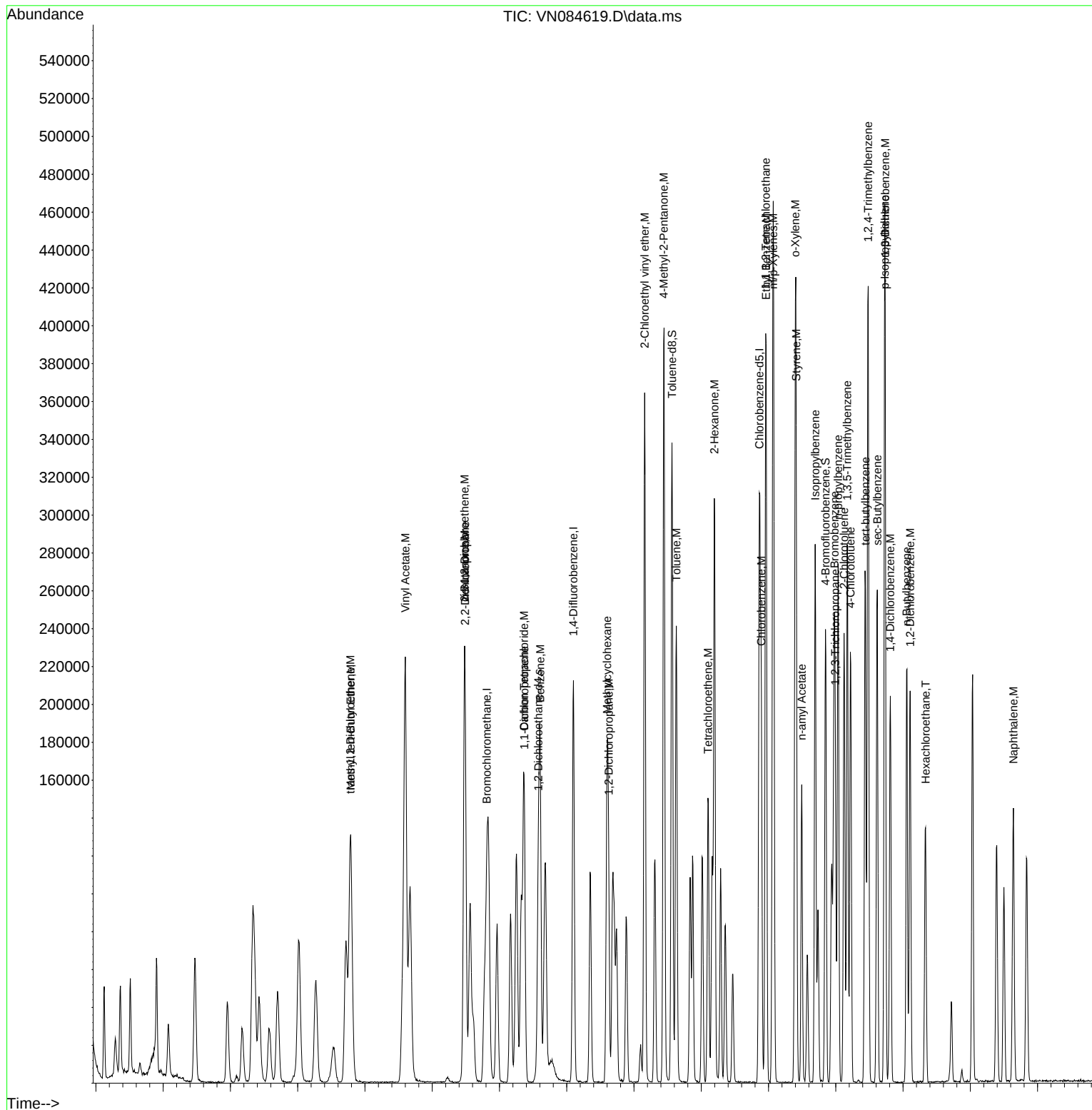
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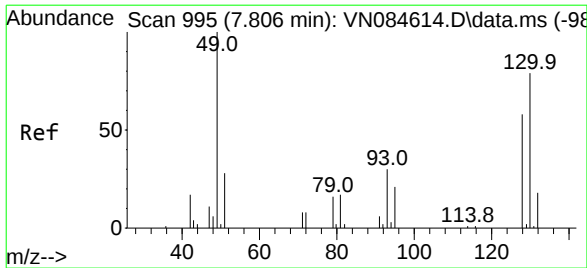
Instrument :
MSVOA_N
ClientSampleId :
ICVVN103124

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/04/2024

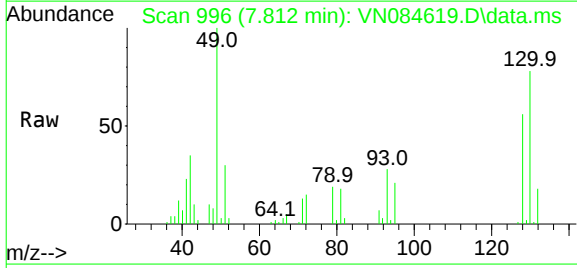
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 01 02:38:04 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 99
Delta R.T. 0.006 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

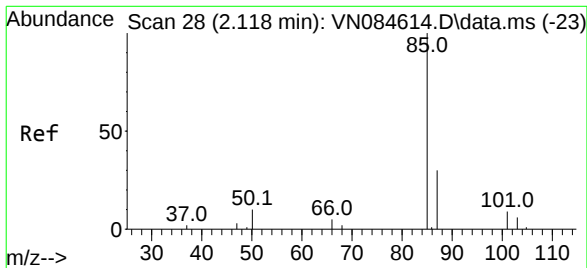
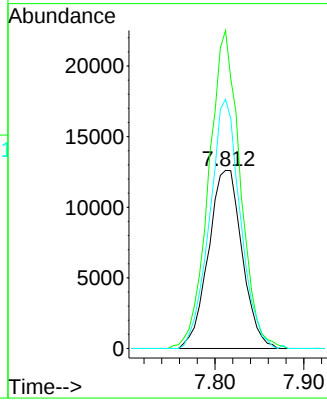
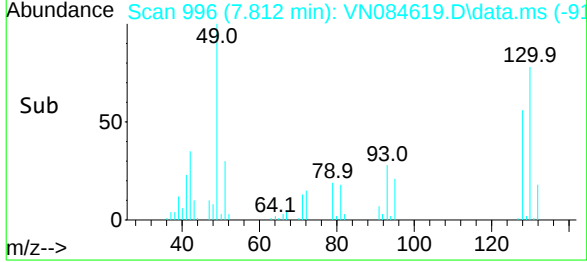
Instrument :
MSVOA_N
ClientSampleId :
ICVVN103124



Tgt Ion: 128 Resp: 33219
Ion Ratio Lower Upper
128 100
49 166.1 0.0 427.0
130 127.7 0.0 322.2

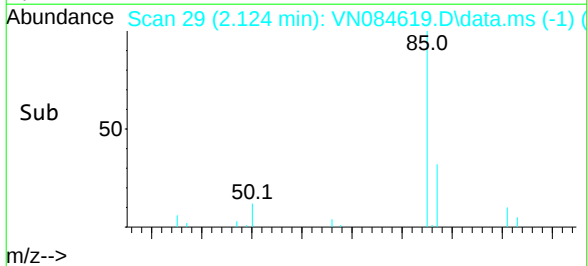
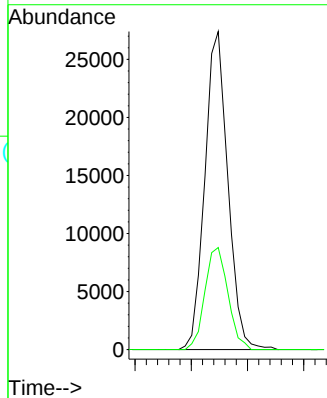
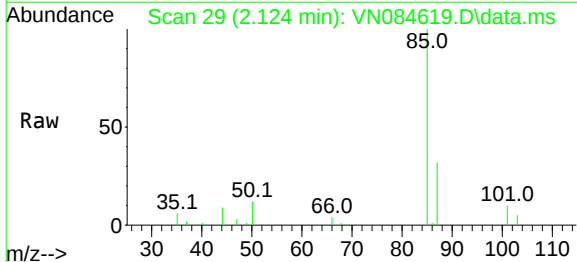
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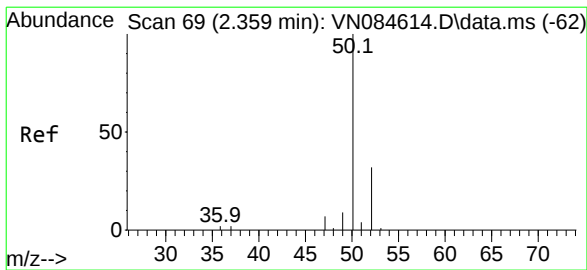
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#2
Dichlorodifluoromethane
Concen: 20.189 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.006 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

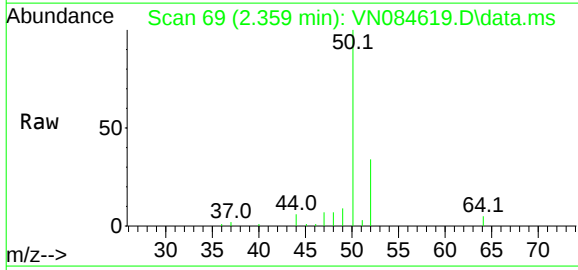
Tgt Ion: 85 Resp: 39007
Ion Ratio Lower Upper
85 100
87 32.1 14.9 44.9





#3
Chloromethane
Concen: 19.742 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

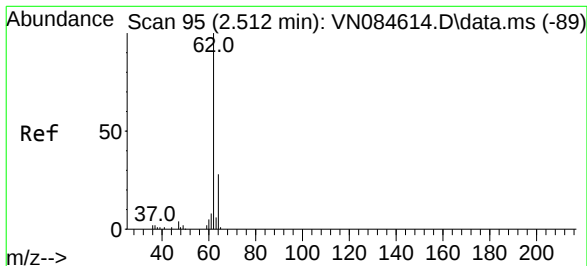
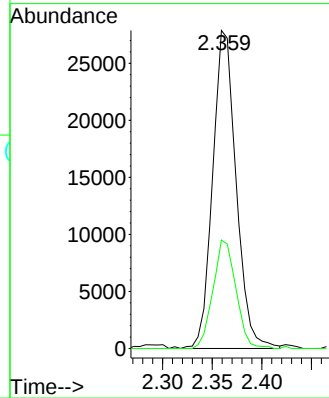
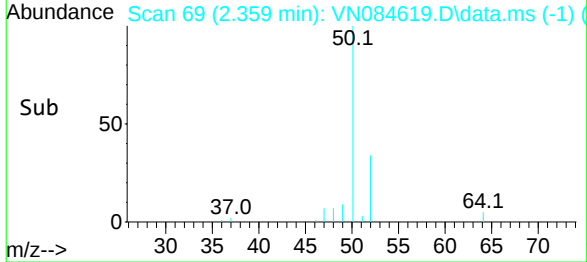
Instrument :
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Tgt Ion: 50 Resp: 45924
Ion Ratio Lower Upper
50 100
52 34.1 25.5 38.3

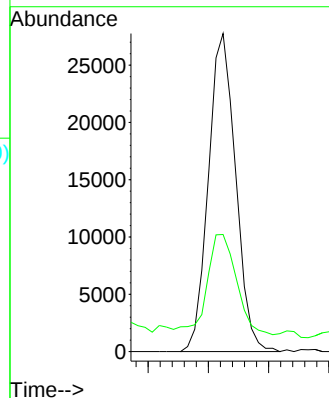
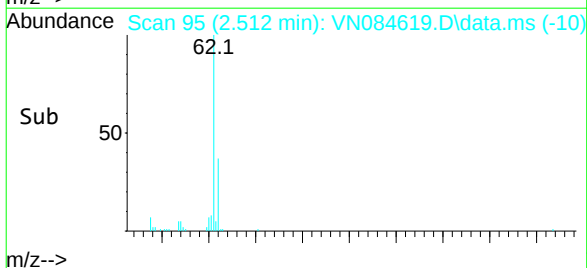
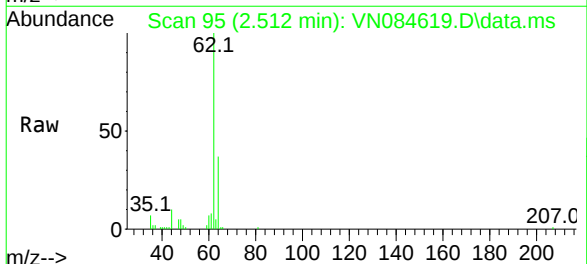
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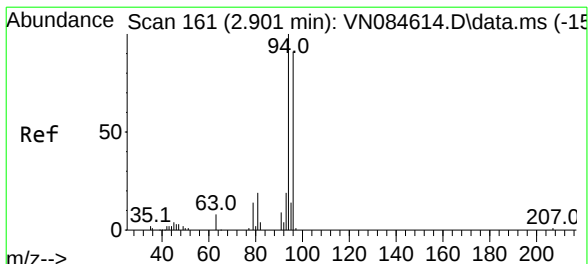
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#4
Vinyl Chloride
Concen: 20.200 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Tgt Ion: 62 Resp: 43634
Ion Ratio Lower Upper
62 100
64 31.2 23.1 34.7





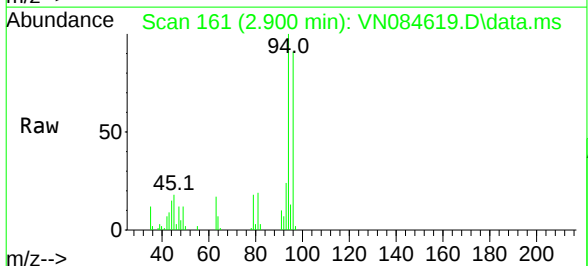
#5
 Bromomethane
 Concen: 19.733 ug/l
 RT: 2.900 min Scan# 16
 Delta R.T. -0.000 min
 Lab File: VN084619.D
 Acq: 31 Oct 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

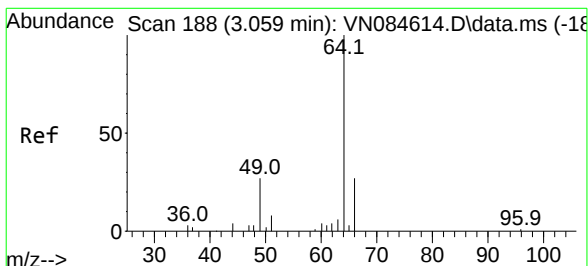
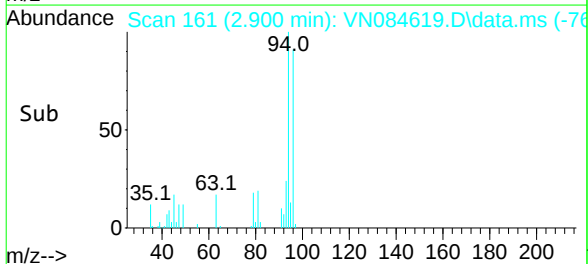
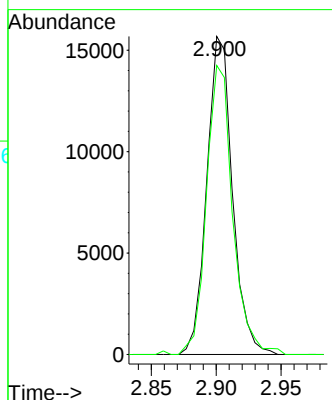
ICVVN103124



Tgt Ion:	94	Resp:	21634
Ion	Ratio	Lower	Upper
94	100		
96	90.9	72.7	109.1

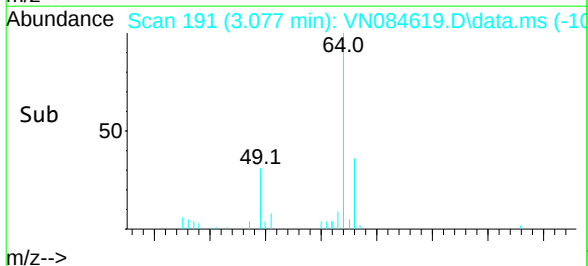
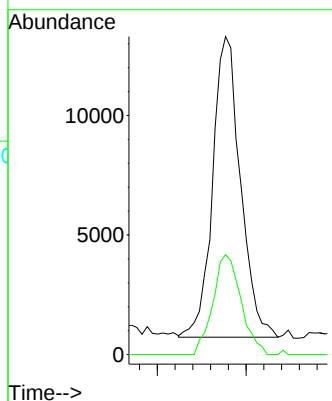
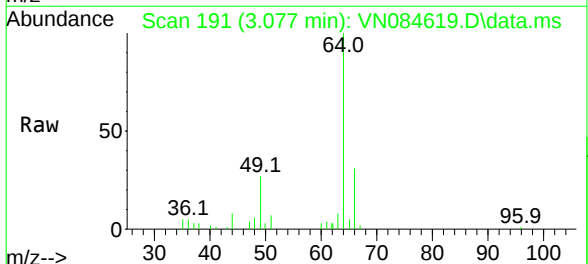
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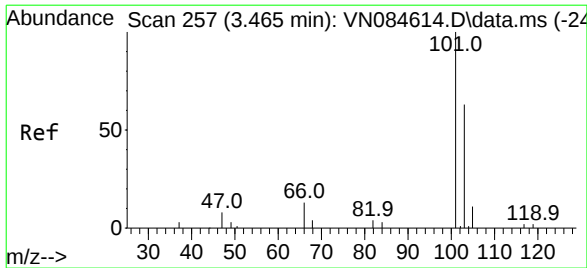
Reviewed By :Semsettin Yesilyurt 11/04/2024
 Supervised By :Mahesh Dadoda 11/04/2024



#6
 Chloroethane
 Concen: 19.284 ug/l
 RT: 3.077 min Scan# 191
 Delta R.T. 0.017 min
 Lab File: VN084619.D
 Acq: 31 Oct 2024 14:42

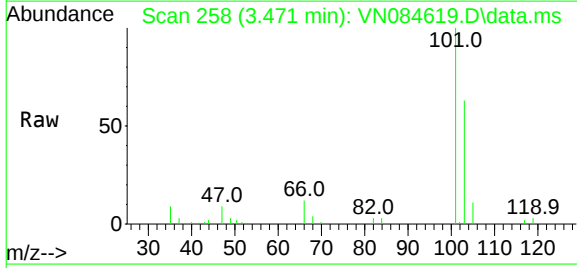
Tgt Ion:	64	Resp:	27349
Ion	Ratio	Lower	Upper
64	100		
66	33.2	22.1	33.1#





#7
 Trichlorofluoromethane
 Concen: 20.061 ug/l
 RT: 3.471 min Scan# 257
 Delta R.T. 0.006 min
 Lab File: VN084619.D
 Acq: 31 Oct 2024 14:42

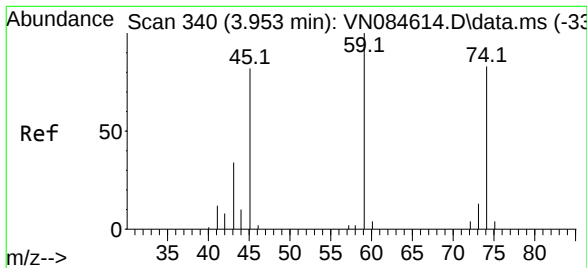
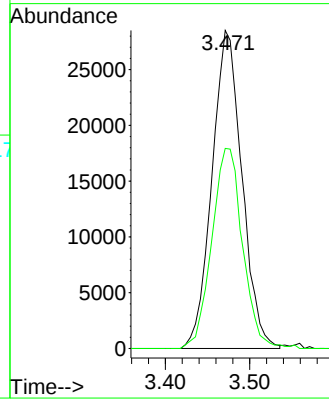
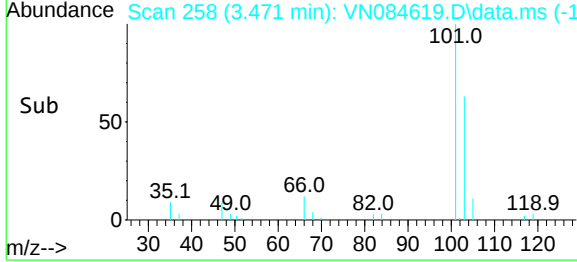
Instrument :
 MSVOA_N
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 ICVVN103124



Tgt Ion: 101 Resp: 70373
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.1 75.1

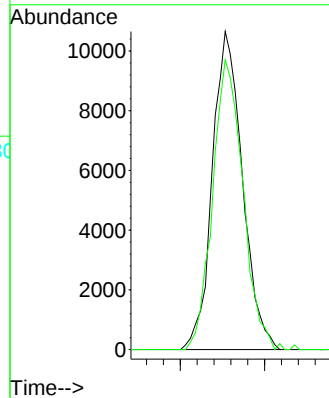
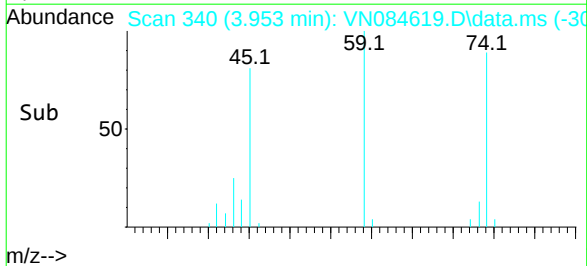
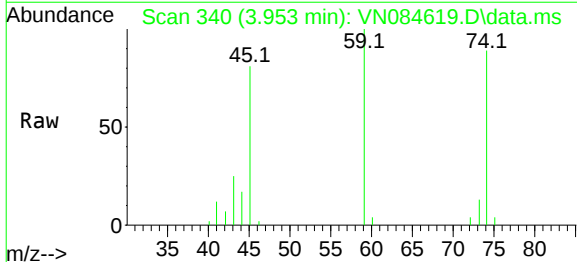
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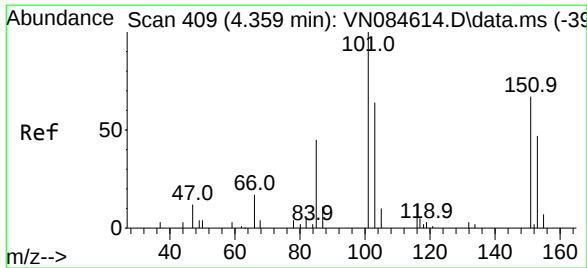
Reviewed By : Semsettin Yesilyurt 11/04/2024
 Supervised By : Mahesh Dadoda 11/04/2024



#8
 Diethyl Ether
 Concen: 21.107 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VN084619.D
 Acq: 31 Oct 2024 14:42

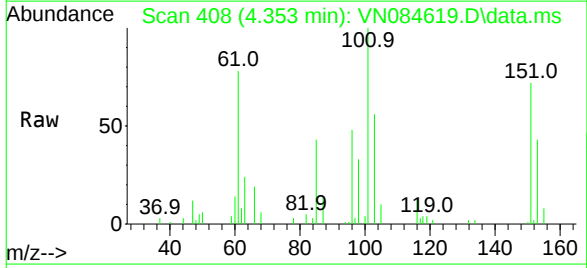
Tgt Ion: 74 Resp: 26411
 Ion Ratio Lower Upper
 74 100
 45 91.6 19.8 178.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.762 ug/l
RT: 4.353 min Scan# 40
Delta R.T. -0.006 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

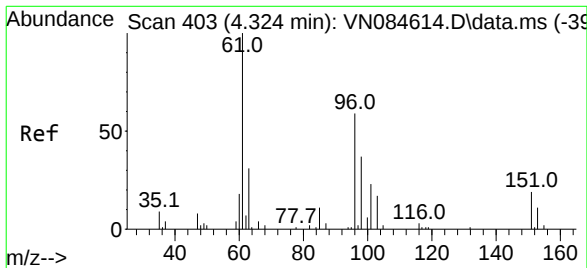
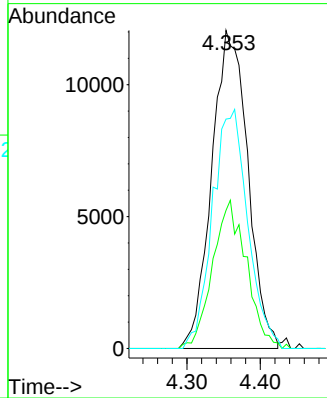
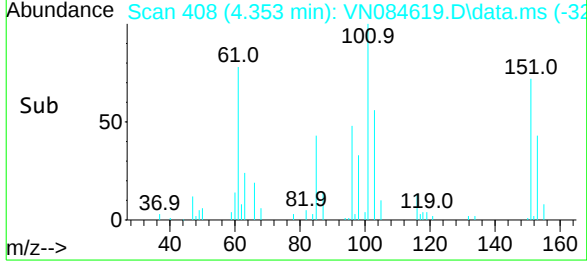
Instrument :
MSVOA_N
ClientSampleId :
ICVVN103124



Tgt Ion: 101 Resp: 41161
Ion Ratio Lower Upper
101 100
85 43.2 0.0 89.6
151 73.5 0.0 149.4

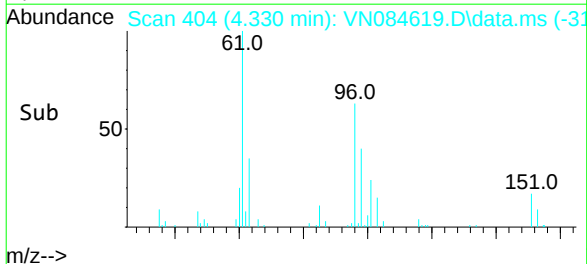
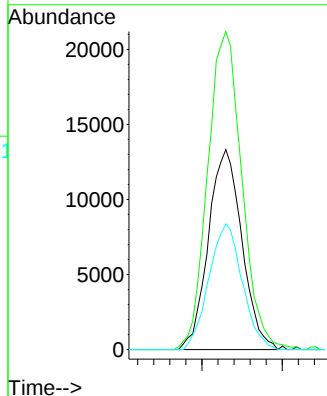
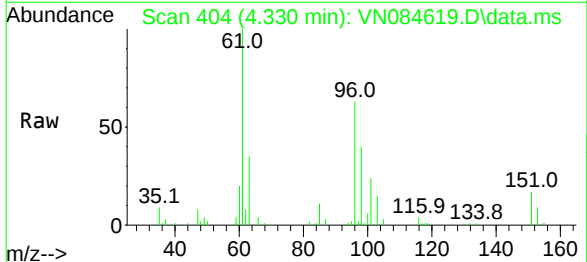
Manual Integrations
APPROVED

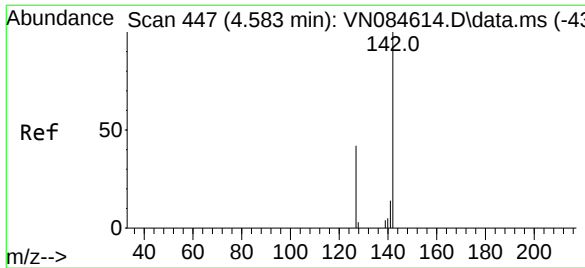
Reviewed By : Semsettin Yesilyurt 11/04/2024
Supervised By : Mahesh Dadoda 11/04/2024



#10
1,1-Dichloroethene
Concen: 19.934 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.006 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

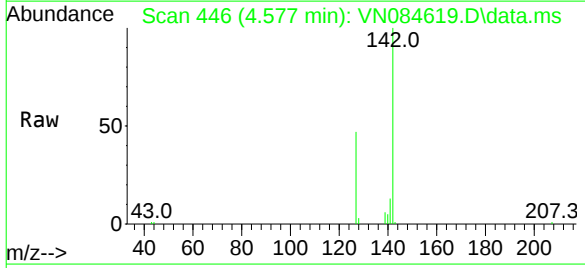
Tgt Ion: 96 Resp: 38591
Ion Ratio Lower Upper
96 100
61 157.6 135.1 202.7
98 62.8 50.4 75.6





#11
Methyl Iodide
Concen: 19.843 ug/l
RT: 4.577 min Scan# 44
Delta R.T. -0.006 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

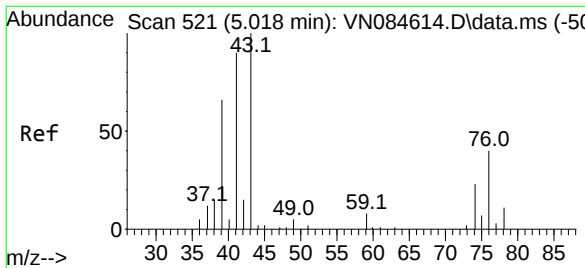
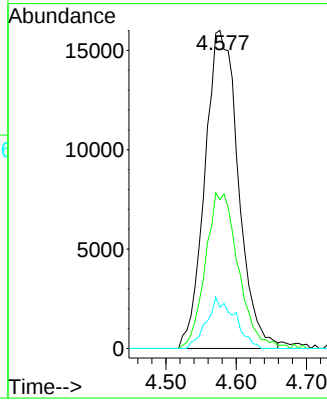
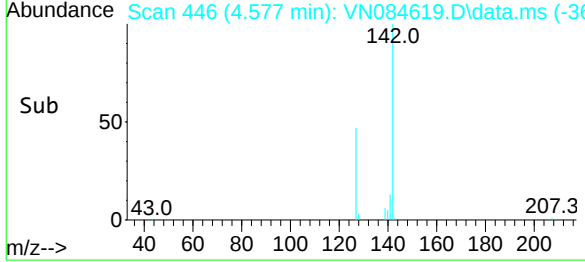
Instrument :
MSVOA_N
ClientSampleId :
ICVVN103124



Tgt Ion: 142 Resp: 52797
Ion Ratio Lower Upper
142 100
127 46.8 20.3 60.9
141 13.1 6.9 20.7

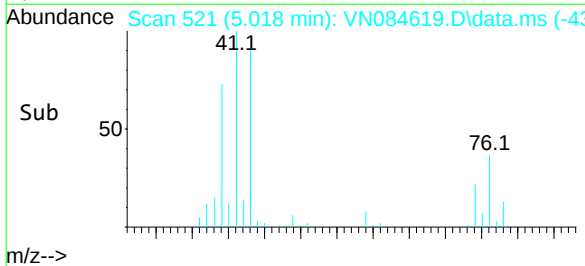
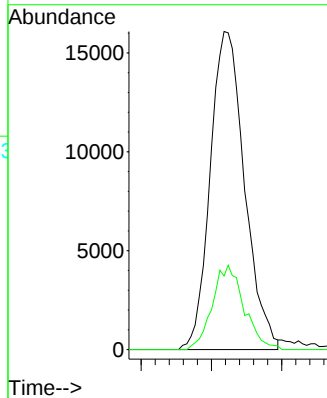
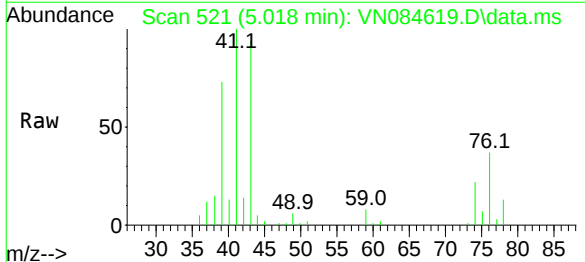
Manual Integrations
APPROVED

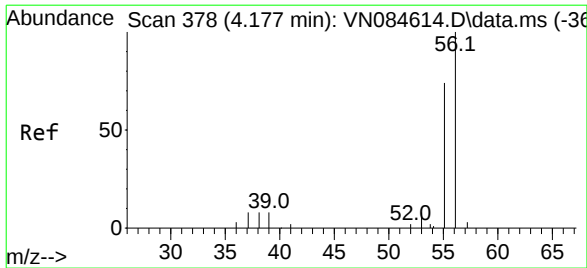
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#12
Methyl Acetate
Concen: 18.084 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Tgt Ion: 43 Resp: 54572
Ion Ratio Lower Upper
43 100
74 22.9 19.0 28.4





#13

Acrolein

Concen: 97.432 ug/l

RT: 4.171 min Scan# 37

Delta R.T. -0.006 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

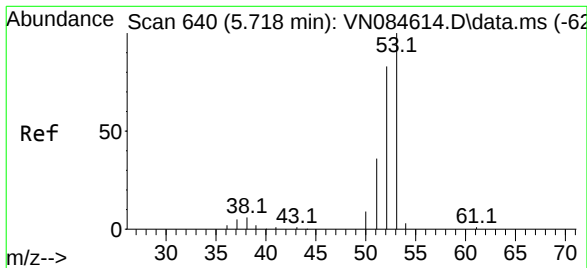
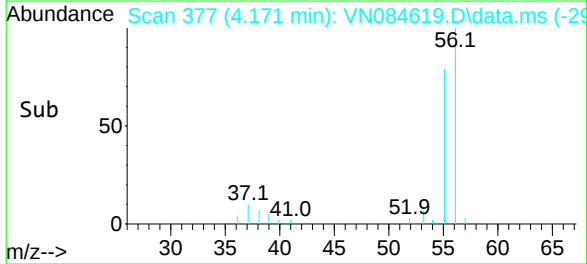
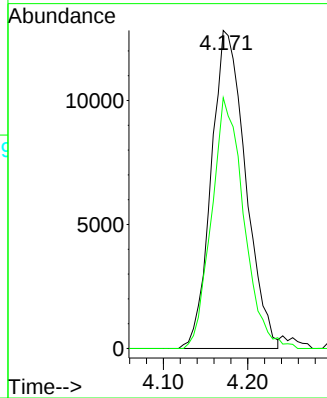
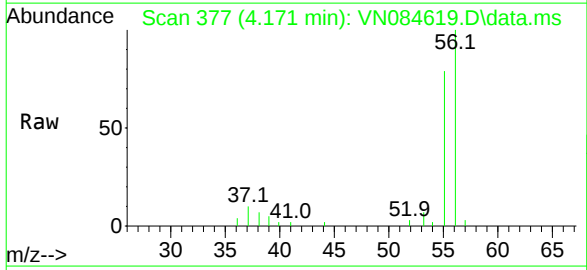
ICVVN103124

Tgt Ion	Ratio	Lower	Upper
56	100		
55	73.6	56.7	85.1

Manual Integrations

APPROVED

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



#14

Acrylonitrile

Concen: 100.722 ug/l

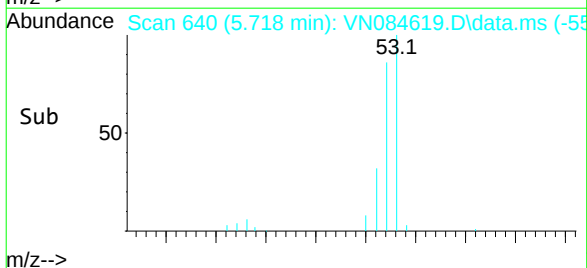
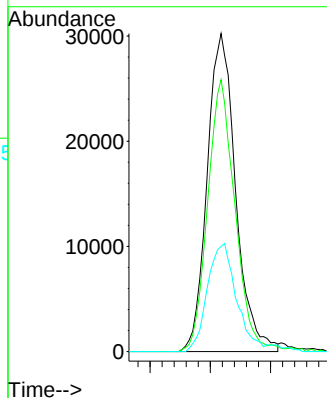
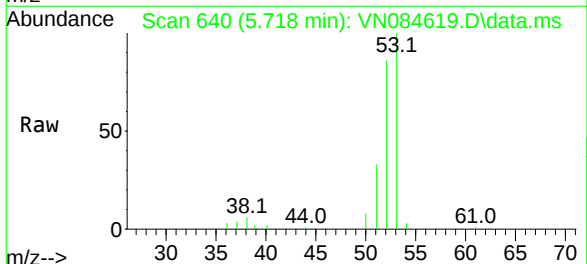
RT: 5.718 min Scan# 640

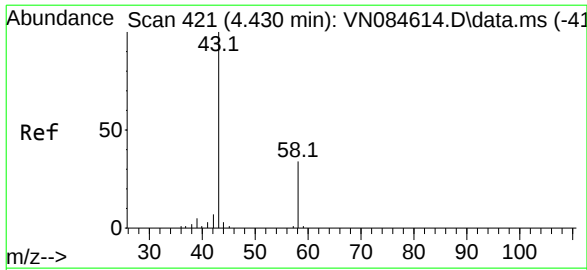
Delta R.T. -0.000 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

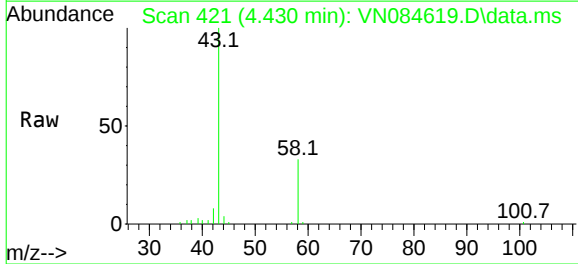
Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.1	41.6	124.9
51	34.4	18.2	54.6





#15
Acetone
Concen: 102.773 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

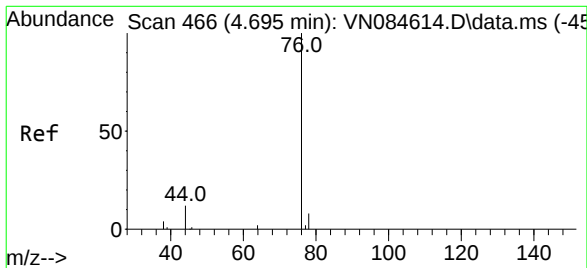
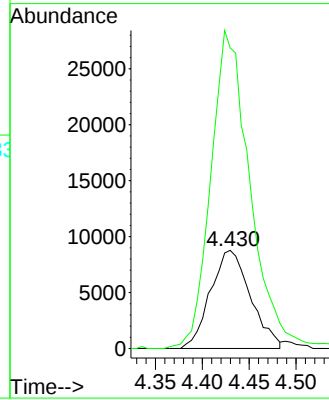
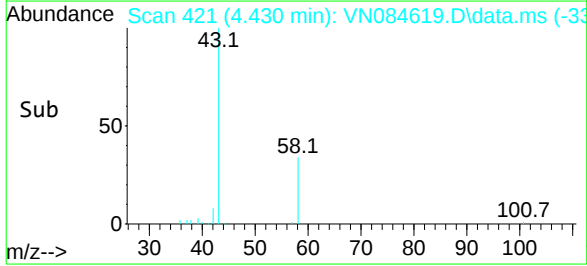
Instrument :
MSVOA_N
ClientSampleId :
ICVVN103124



Tgt Ion: 58 Resp: 26069
Ion Ratio Lower Upper
58 100
43 301.8 233.0 349.6

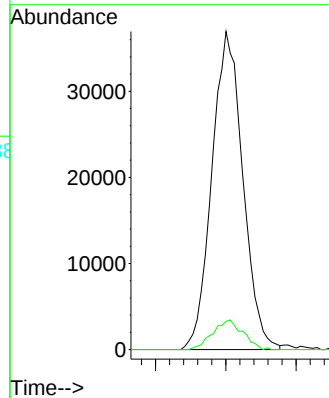
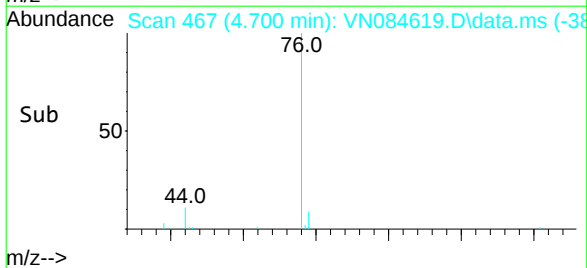
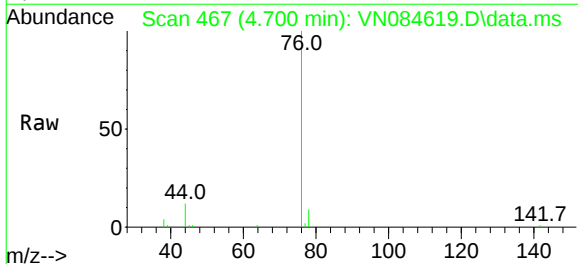
Manual Integrations
APPROVED

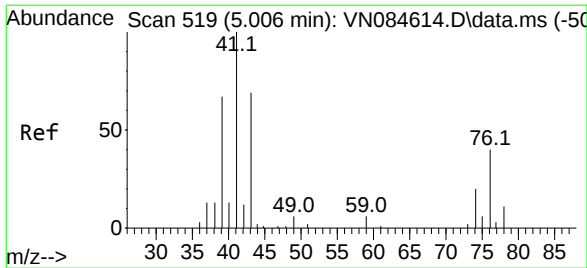
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#16
Carbon Disulfide
Concen: 19.828 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.006 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Tgt Ion: 76 Resp: 112949
Ion Ratio Lower Upper
76 100
78 8.9 6.6 9.8





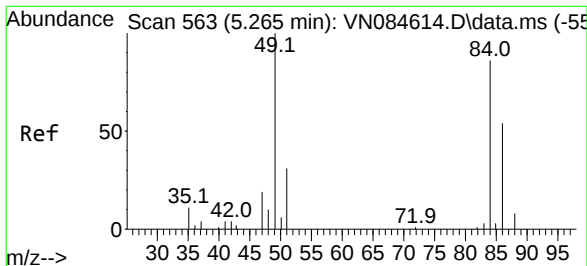
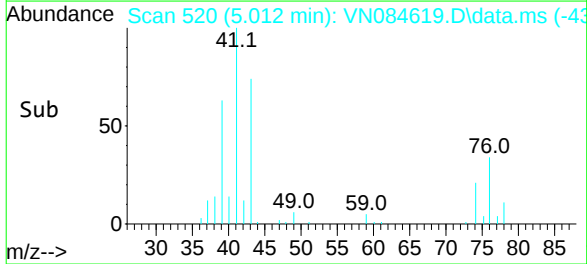
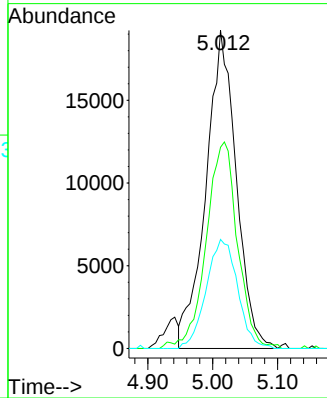
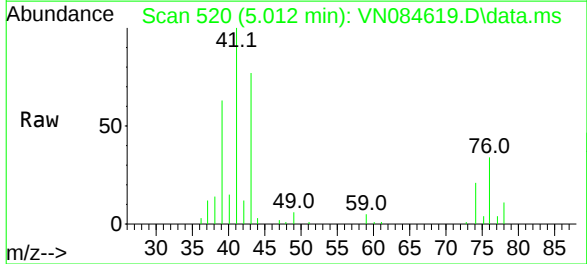
#17
Allyl chloride
Concen: 18.913 ug/l
RT: 5.012 min Scan# 52
Delta R.T. 0.006 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Instrument :
MSVOA_N
ClientSampleId :
ICVVN103124

Tgt Ion:	41	Resp:	62388
Ion	Ratio	Lower	Upper
41	100		
39	62.0	33.4	100.2
76	34.3	20.2	60.6

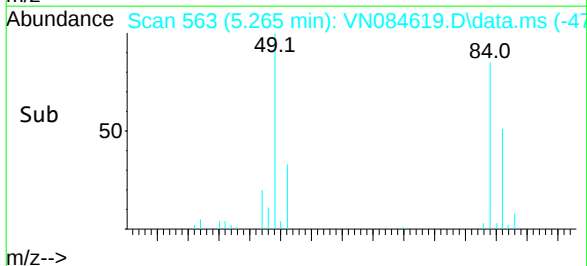
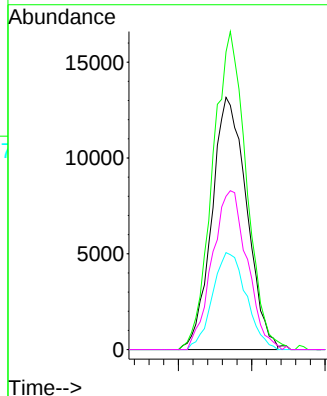
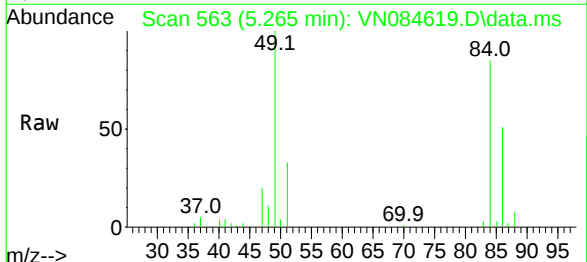
Manual Integrations
APPROVED

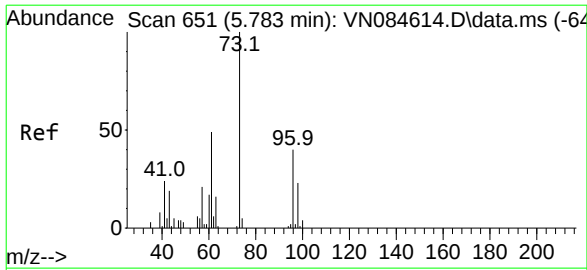
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#18
Methylene Chloride
Concen: 19.131 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

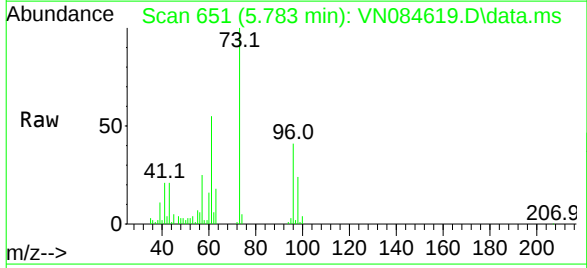
Tgt Ion:	84	Resp:	43401
Ion	Ratio	Lower	Upper
84	100		
49	118.0	93.0	139.6
51	38.5	28.9	43.3
86	60.8	50.6	76.0





#19
trans-1,2-Dichloroethene
Concen: 19.342 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

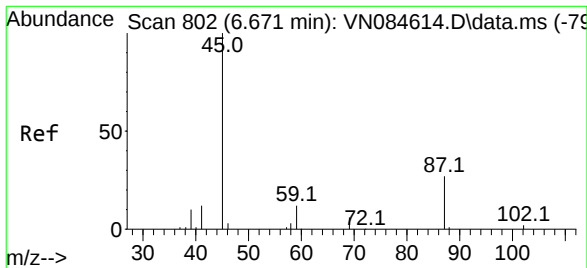
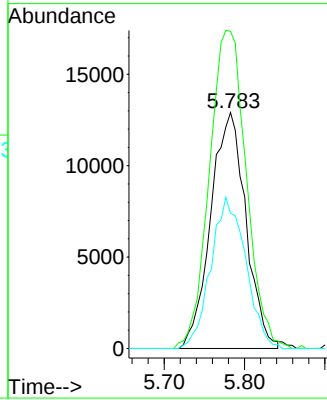
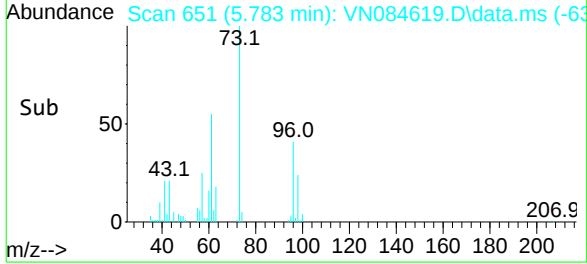
Instrument :
MSVOA_N
ClientSampleId :
ICVVN103124



Tgt Ion: 96 Resp: 39248
Ion Ratio Lower Upper
96 100
61 131.9 98.1 147.1
98 57.3 46.6 69.8

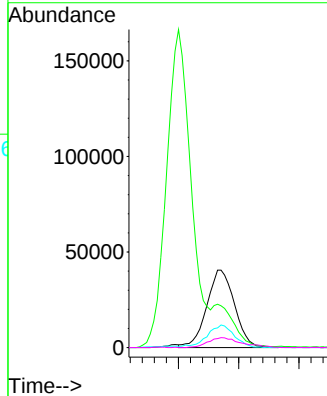
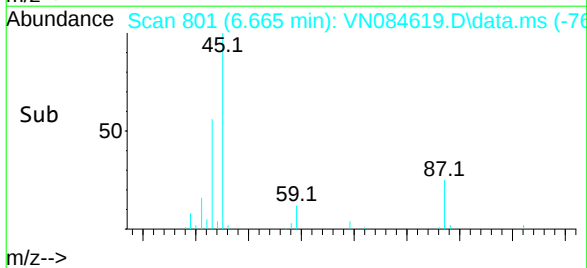
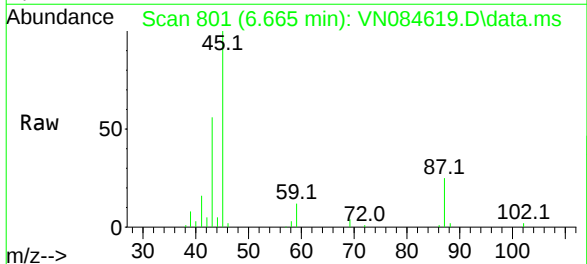
Manual Integrations
APPROVED

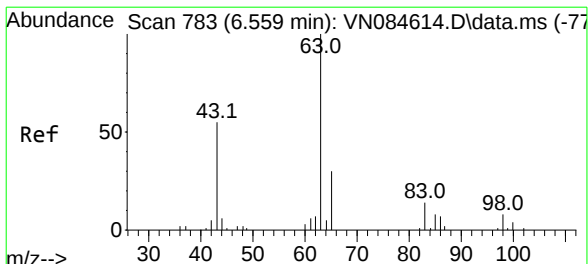
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#20
Diisopropyl ether
Concen: 19.635 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Tgt Ion: 45 Resp: 129663
Ion Ratio Lower Upper
45 100
43 54.5 42.6 64.0
87 25.4 23.0 34.4
59 11.6 9.4 14.0





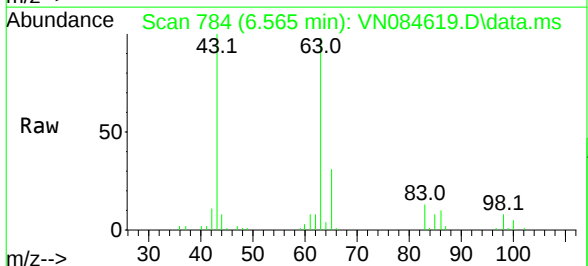
#21
 1,1-Dichloroethane
 Concen: 19.334 ug/l
 RT: 6.565 min Scan# 783
 Delta R.T. 0.006 min
 Lab File: VN084619.D
 Acq: 31 Oct 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

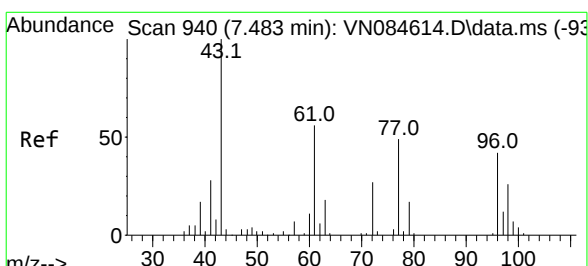
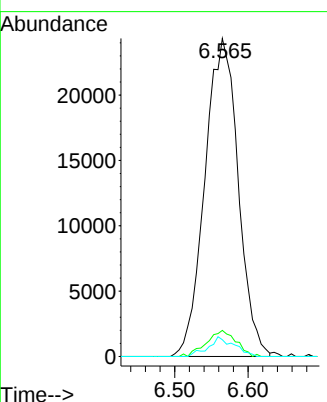
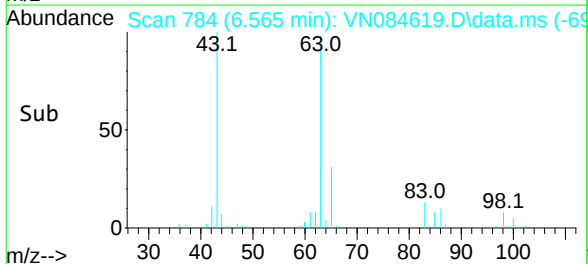
ICVVN103124



Tgt Ion:	63	Resp:	76784
Ion	Ratio	Lower	Upper
63	100		
98	8.2	3.8	11.4
100	5.3	1.9	5.7

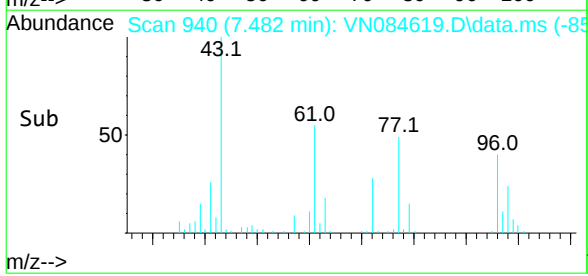
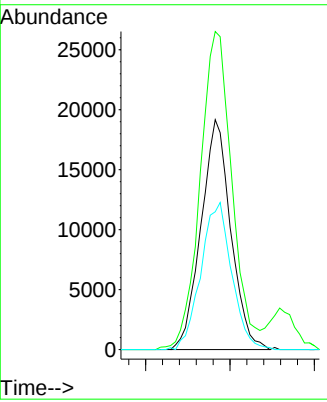
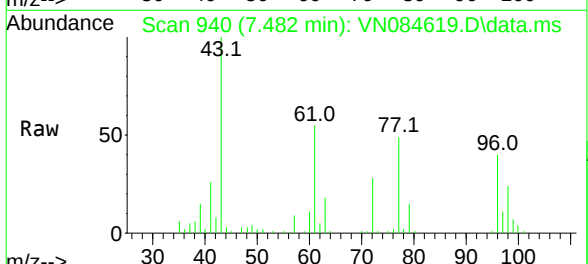
Manual Integrations
 APPROVED

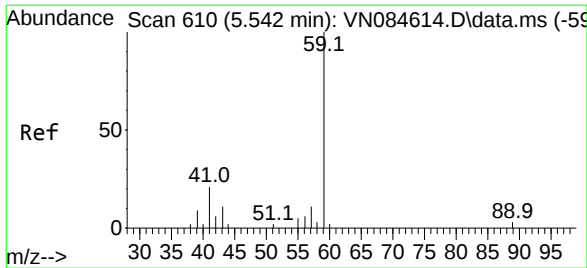
Reviewed By :Semsettin Yesilyurt 11/04/2024
 Supervised By :Mahesh Dadoda 11/04/2024



#22
 cis-1,2-Dichloroethene
 Concen: 19.396 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN084619.D
 Acq: 31 Oct 2024 14:42

Tgt Ion:	96	Resp:	46989
Ion	Ratio	Lower	Upper
96	100		
61	147.5	121.8	182.8
98	66.0	53.2	79.8





#23

tert-Butyl Alcohol

Concen: 107.508 ug/l

RT: 5.541 min Scan# 610

Delta R.T. -0.000 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

ICVVN103124

Tgt Ion: 59 Resp: 37052

Ion Ratio Lower Upper

59 100

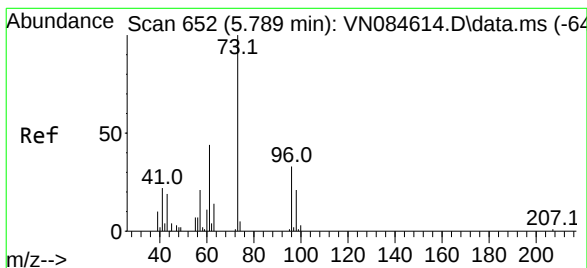
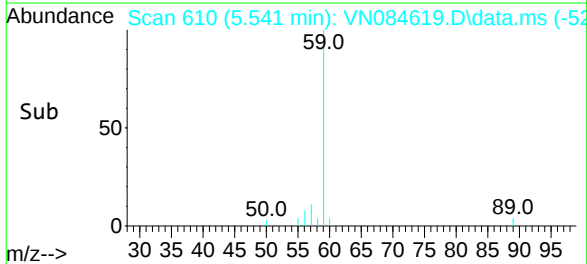
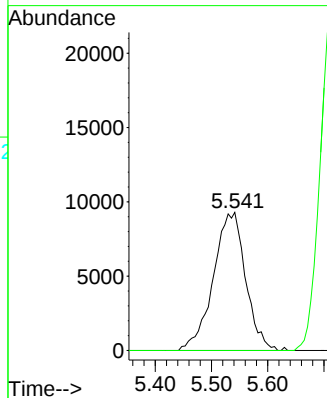
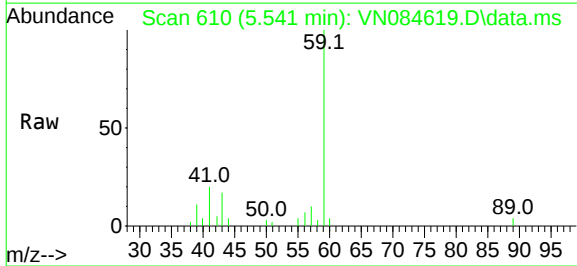
52 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/04/2024

Supervised By :Mahesh Dadoda 11/04/2024



#24

Methyl tert-Butyl Ether

Concen: 19.562 ug/l

RT: 5.788 min Scan# 652

Delta R.T. -0.000 min

Lab File: VN084619.D

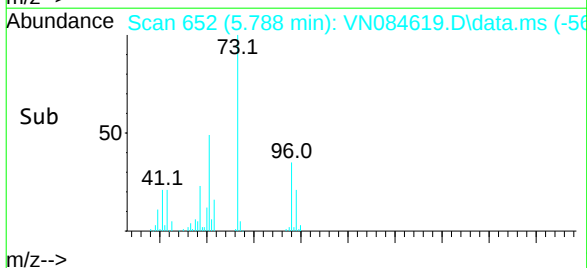
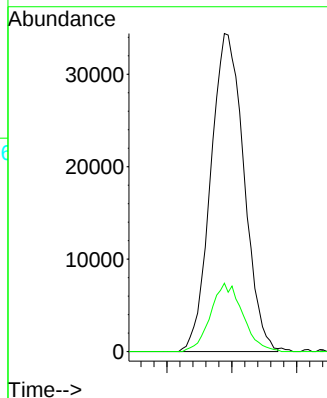
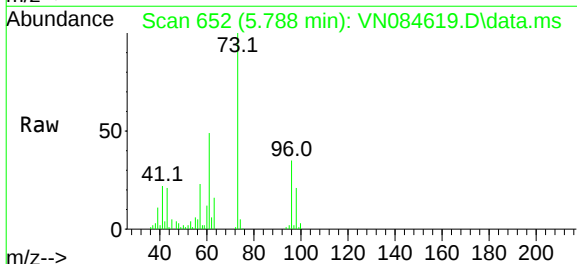
Acq: 31 Oct 2024 14:42

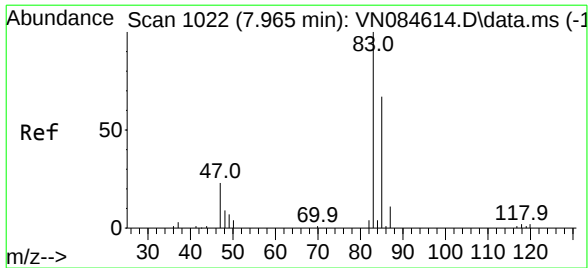
Tgt Ion: 73 Resp: 122468

Ion Ratio Lower Upper

73 100

43 20.8 16.5 24.7





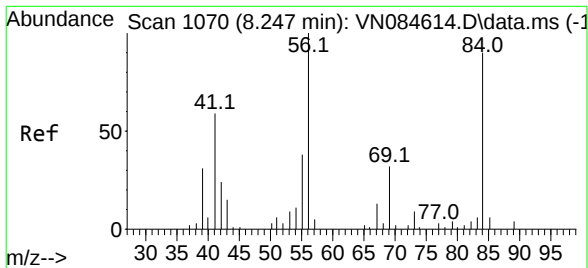
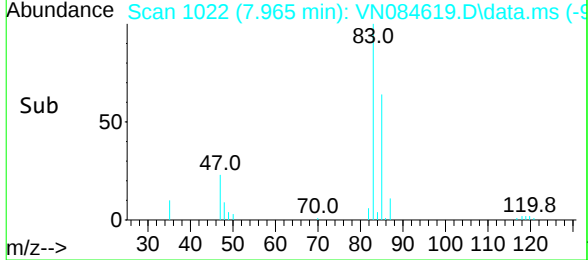
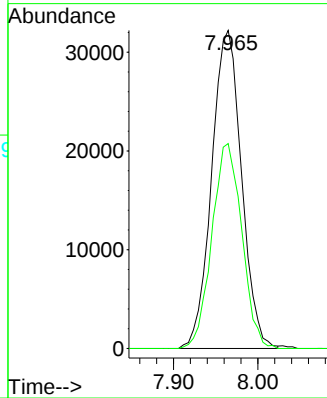
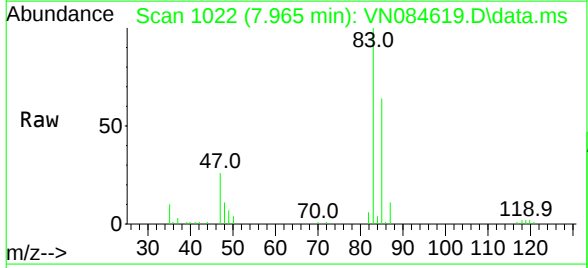
#25
Chloroform
Concen: 19.486 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Instrument : MSVOA_N
ClientSampleId : ICVVN103124

Tgt Ion: 83 Resp: 79286
Ion Ratio Lower Upper
83 100
85 64.4 53.4 80.2

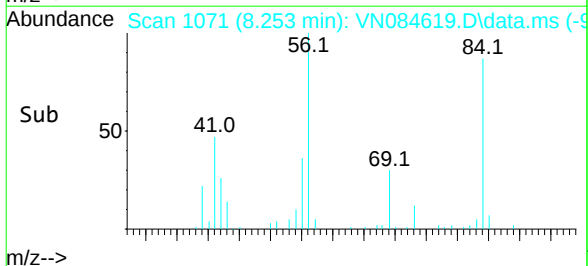
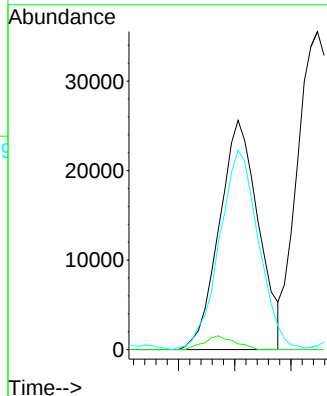
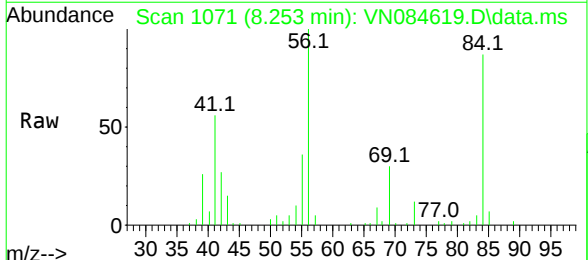
Manual Integrations
APPROVED

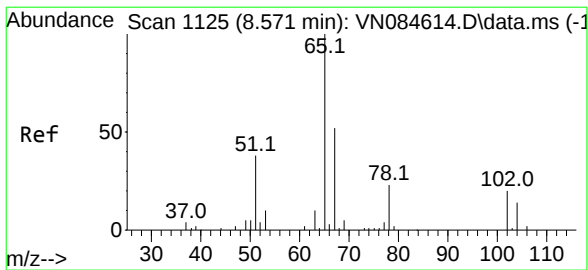
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#26
Cyclohexane
Concen: 20.480 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Tgt Ion: 56 Resp: 62127
Ion Ratio Lower Upper
56 100
89 4.7 3.0 4.4#
84 87.0 70.6 106.0





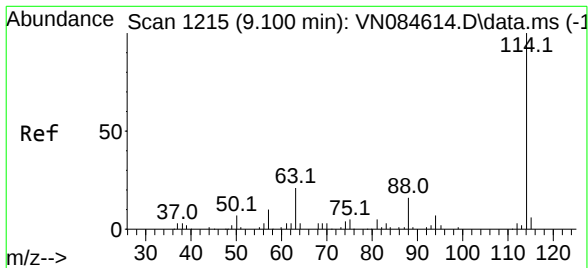
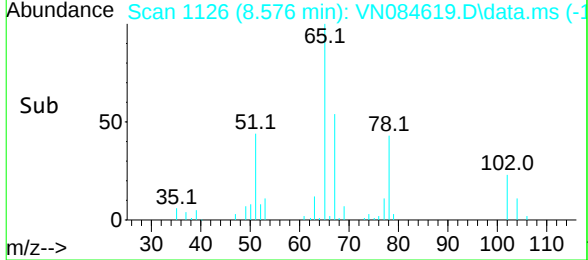
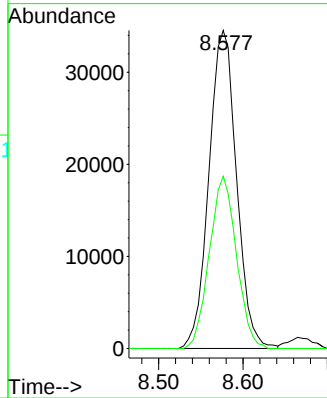
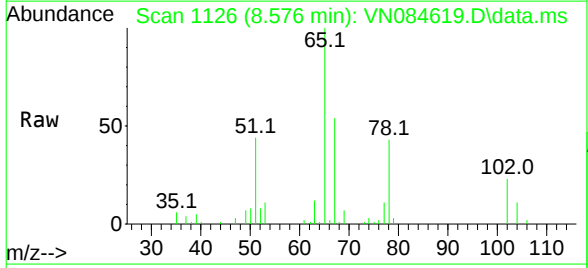
#27
1,2-Dichloroethane-d4
Concen: 29.401 ug/l
RT: 8.576 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Instrument :
MSVOA_N
ClientSampleId :
ICVVN103124

Tgt Ion: 65 Resp: 78518
Ion Ratio Lower Upper
65 100
67 53.0 40.7 61.1

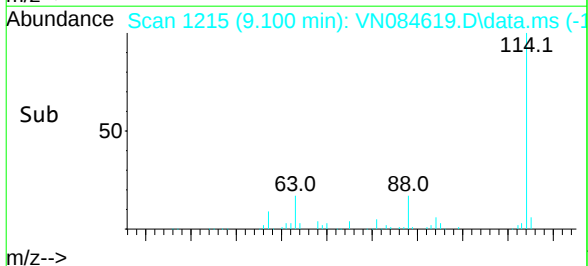
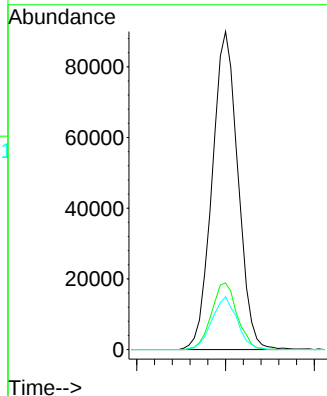
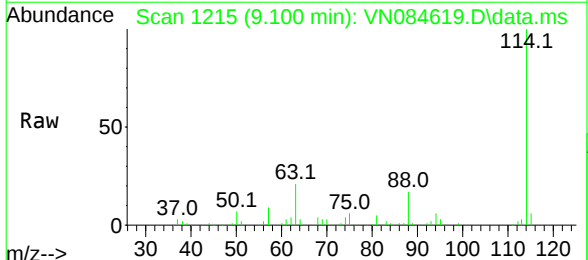
Manual Integrations
APPROVED

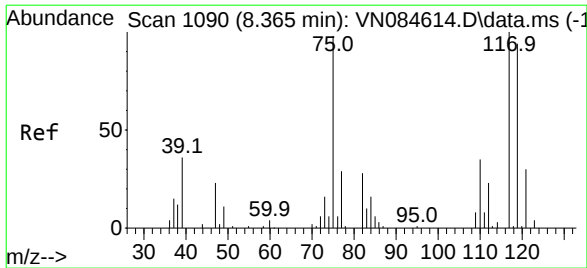
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

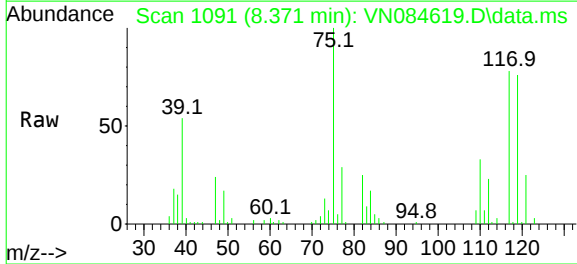
Tgt Ion:114 Resp: 181690
Ion Ratio Lower Upper
114 100
63 20.8 16.8 25.2
88 16.2 12.9 19.3





#29
1,1-Dichloropropene
Concen: 19.541 ug/l
RT: 8.371 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

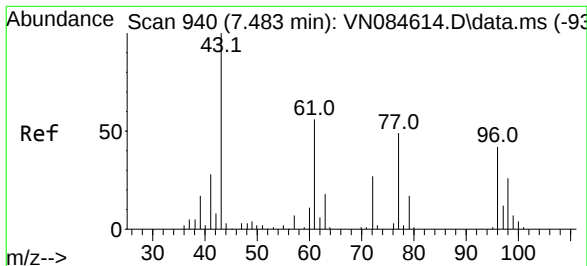
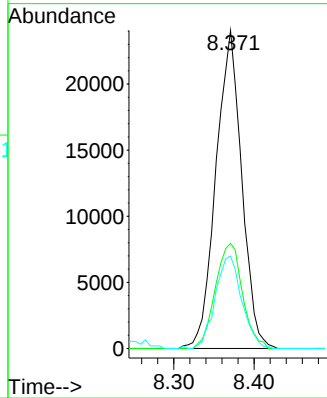
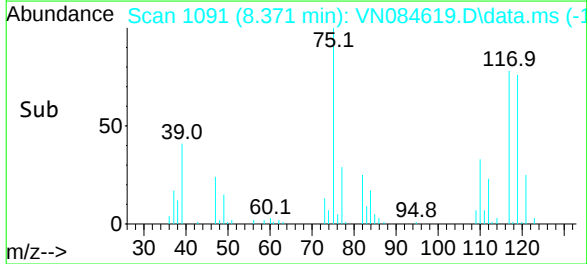
Instrument :
MSVOA_N
ClientSampleId :
ICVVN103124



Tgt Ion: 75 Resp: 53477
Ion Ratio Lower Upper
75 100
110 34.8 0.0 69.4
77 29.9 0.0 62.0

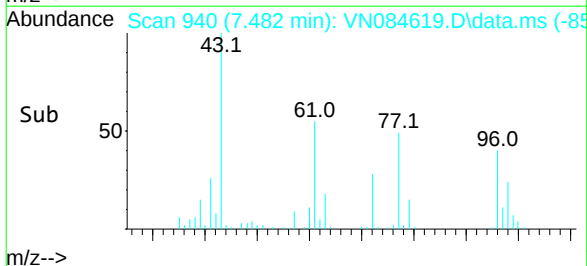
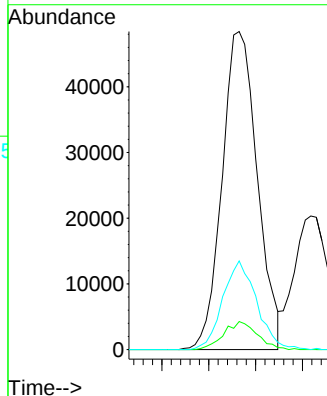
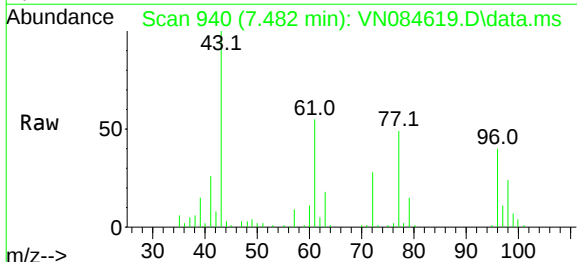
Manual Integrations
APPROVED

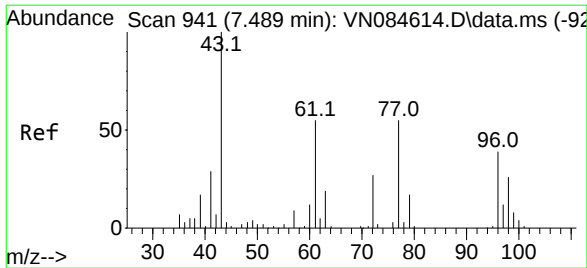
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#30
2-Butanone
Concen: 100.199 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Tgt Ion: 43 Resp: 126487
Ion Ratio Lower Upper
43 100
57 8.3 6.2 9.4
72 26.9 21.5 32.3





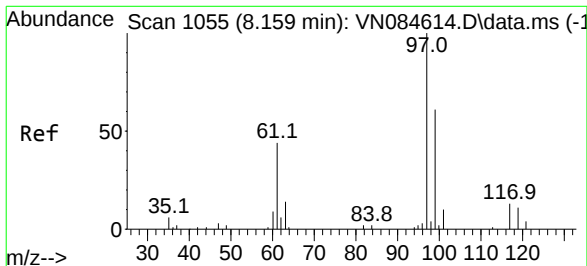
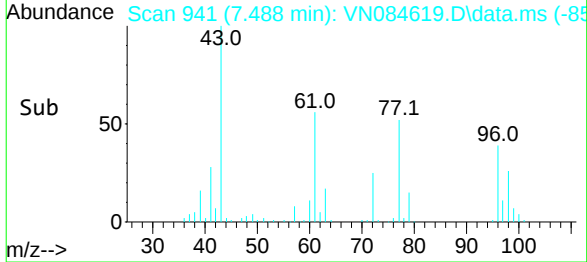
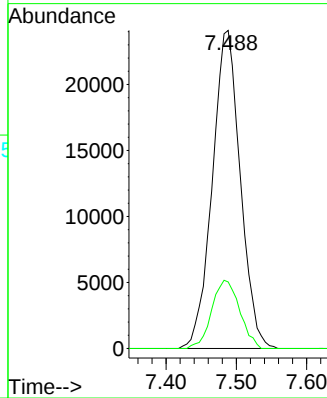
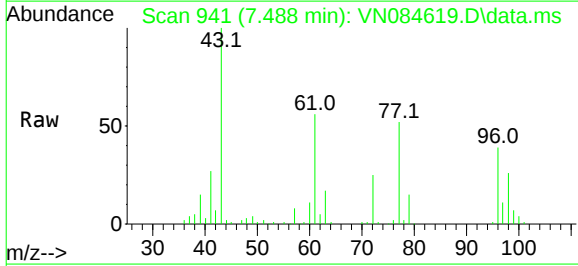
#31
2,2-Dichloropropane
Concen: 19.943 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Instrument :
MSVOA_N
ClientSampleId :
ICVVN103124

Tgt Ion: 77 Resp: 66622
Ion Ratio Lower Upper
77 100
97 21.4 17.4 26.2

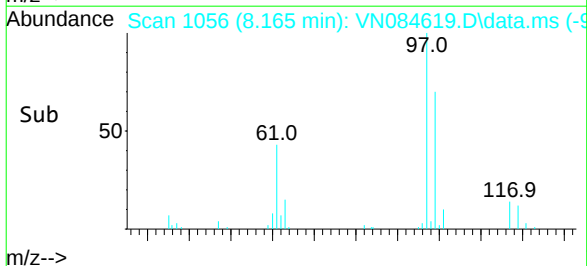
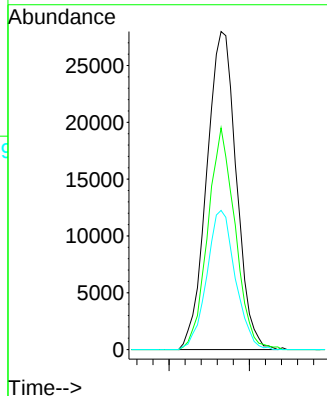
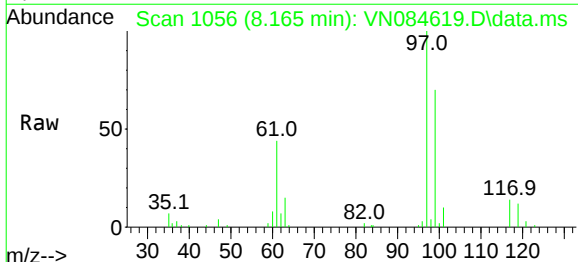
Manual Integrations
APPROVED

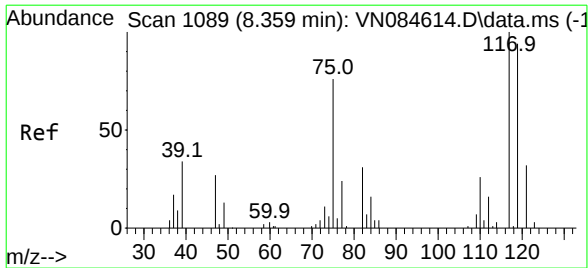
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#32
1,1,1-Trichloroethane
Concen: 19.308 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

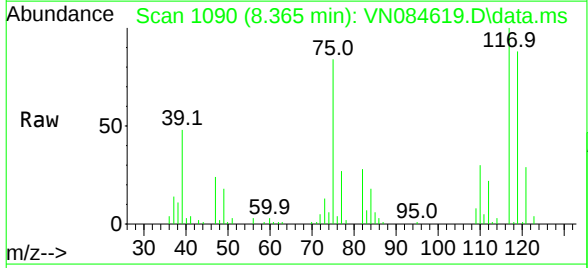
Tgt Ion: 97 Resp: 71786
Ion Ratio Lower Upper
97 100
99 64.3 51.6 77.4
61 42.2 34.2 51.4





#33
Carbon Tetrachloride
Concen: 19.622 ug/l
RT: 8.365 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

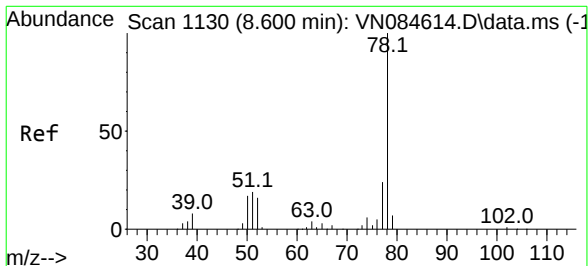
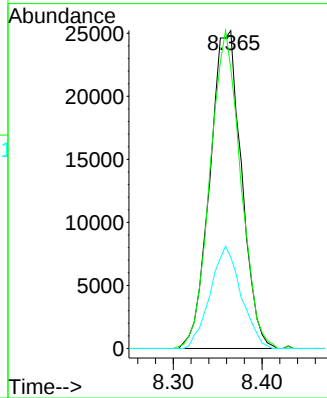
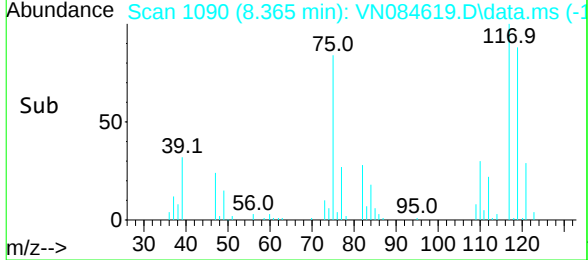
Instrument :
MSVOA_N
ClientSampleId :
ICVVN103124



Tgt Ion: 117 Resp: 62252
Ion Ratio Lower Upper
117 100
119 88.2 75.7 113.5
121 28.8 25.4 38.0

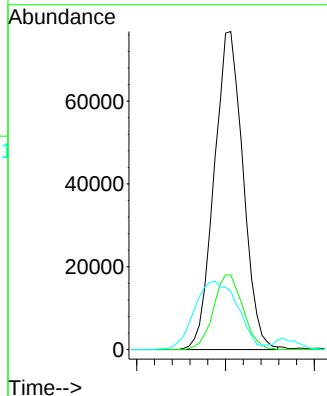
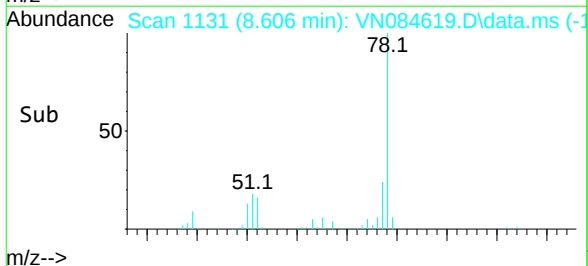
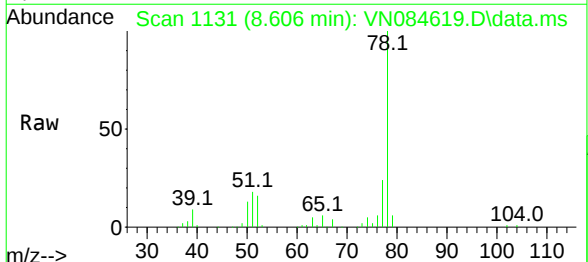
Manual Integrations
APPROVED

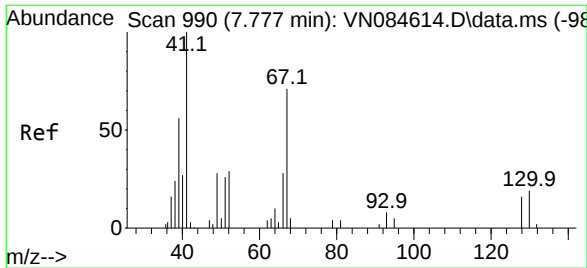
Reviewed By : Semsettin Yesilyurt 11/04/2024
Supervised By : Mahesh Dadoda 11/04/2024



#34
Benzene
Concen: 19.200 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

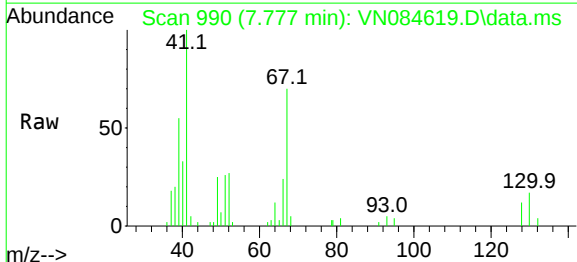
Tgt Ion: 78 Resp: 173675
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9
51 15.8 16.1 24.1#





#35
Methacrylonitrile
Concen: 19.983 ug/l
RT: 7.777 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

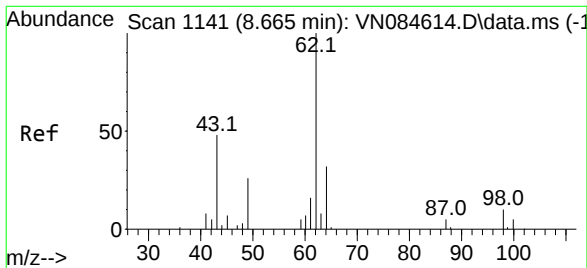
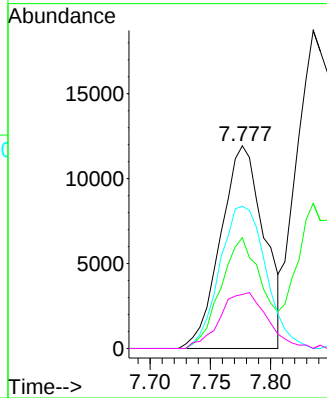
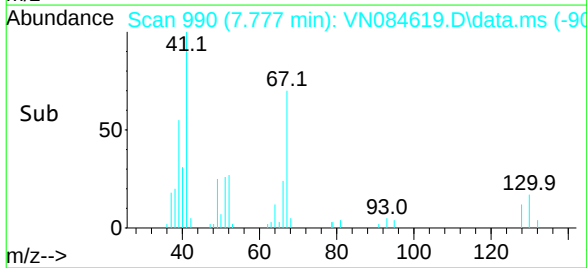
Instrument :
MSVOA_N
ClientSampleId :
ICVVN103124



Tgt Ion:	41	Resp:	29897
Ion	Ratio	Lower	Upper
41	100		
39	54.7	28.2	84.6
67	70.2	35.6	106.8
52	26.7	14.4	43.4

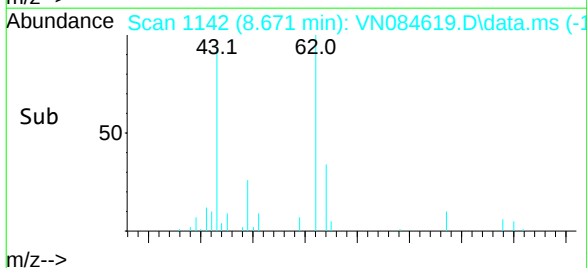
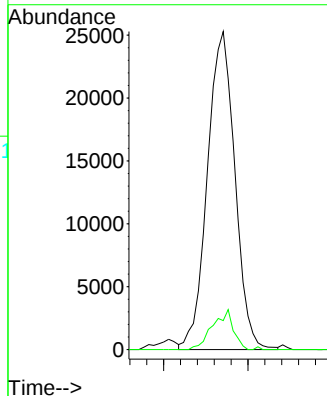
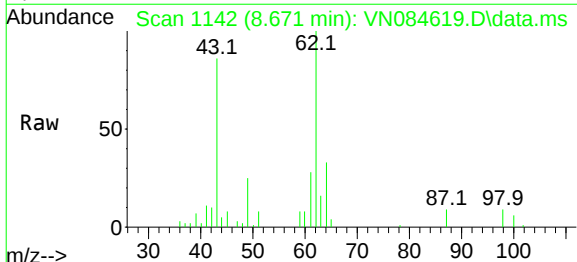
Manual Integrations
APPROVED

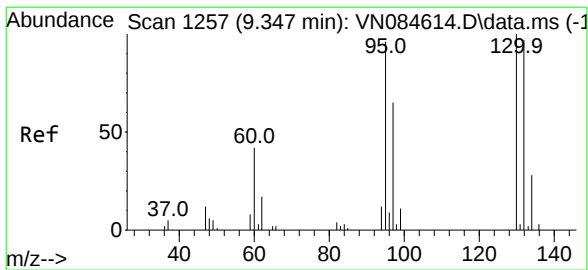
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#36
1,2-Dichloroethane
Concen: 19.078 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

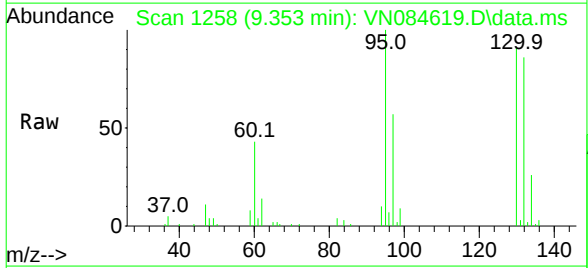
Tgt Ion:	62	Resp:	57389
Ion	Ratio	Lower	Upper
62	100		
98	9.5	7.8	11.6





#37
Trichloroethene
Concen: 19.915 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

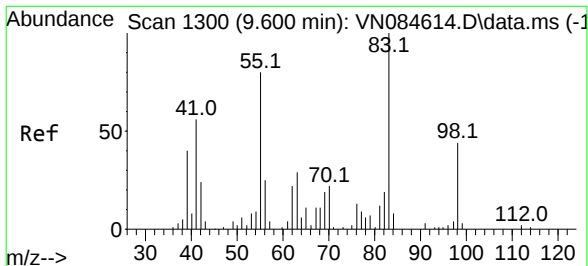
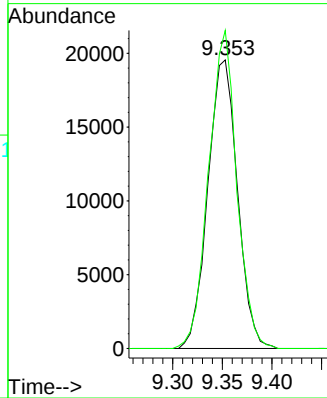
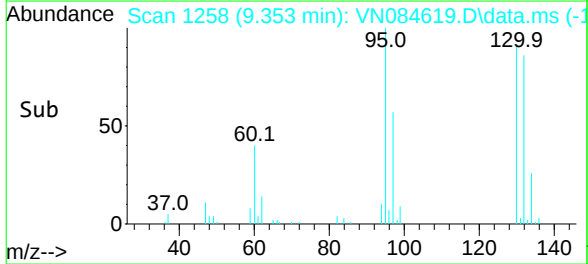
Instrument :
MSVOA_N
ClientSampleId :
ICVVN103124



Tgt Ion: 130 Resp: 40639
Ion Ratio Lower Upper
130 100
95 110.2 76.6 115.0

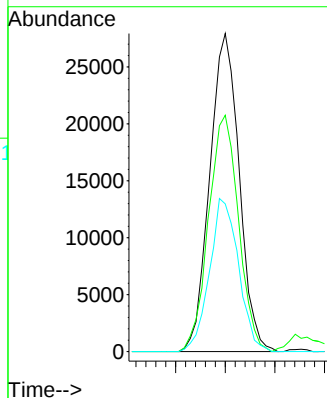
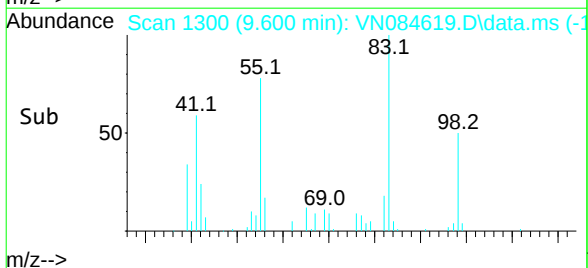
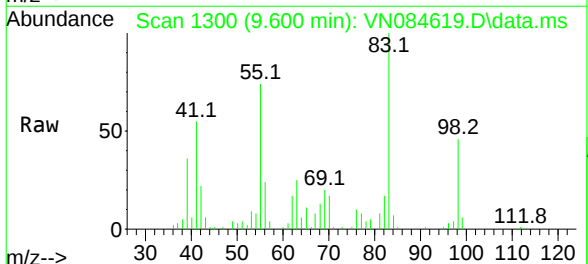
Manual Integrations
APPROVED

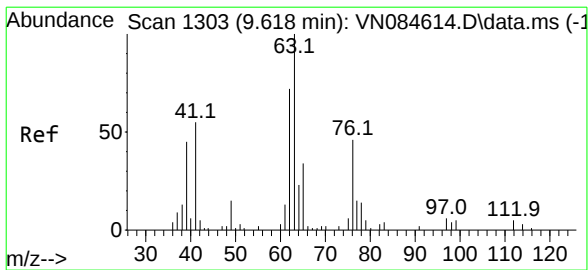
Reviewed By : Semsettin Yesilyurt 11/04/2024
Supervised By : Mahesh Dadoda 11/04/2024



#38
Methylcyclohexane
Concen: 19.559 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

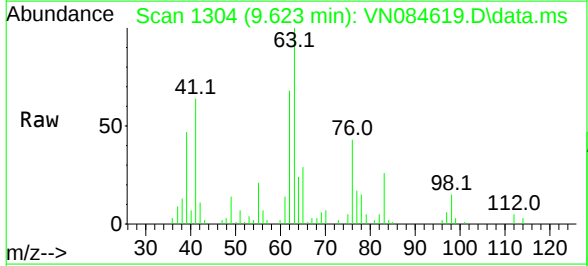
Tgt Ion: 83 Resp: 57621
Ion Ratio Lower Upper
83 100
55 75.7 39.6 118.8
98 47.4 23.2 69.5





#39
1,2-Dichloropropane
Concen: 19.222 ug/l
RT: 9.623 min Scan# 1303
Delta R.T. 0.006 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

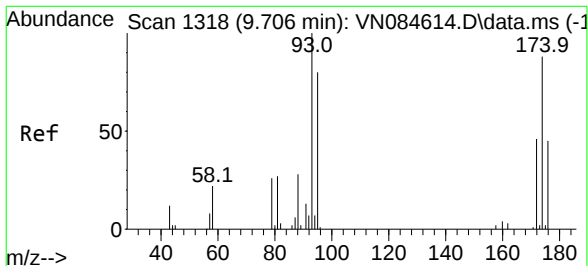
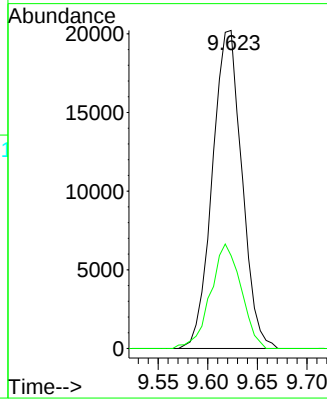
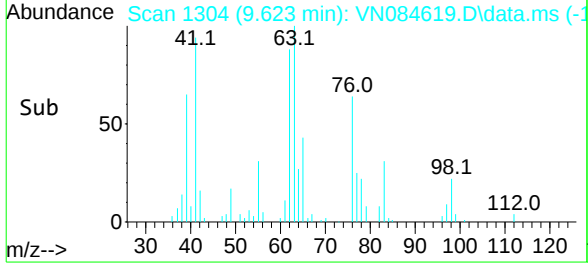
Instrument :
MSVOA_N
ClientSampleId :
ICVVN103124



Tgt Ion: 63 Resp: 41855
Ion Ratio Lower Upper
63 100
65 29.2 27.8 41.8

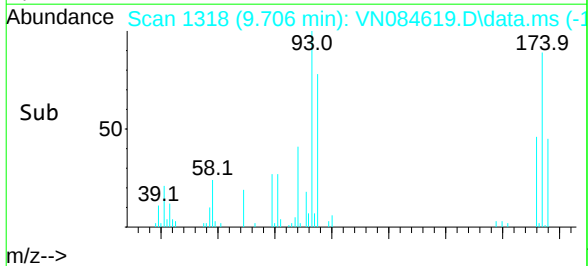
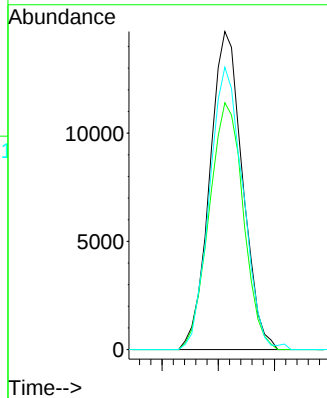
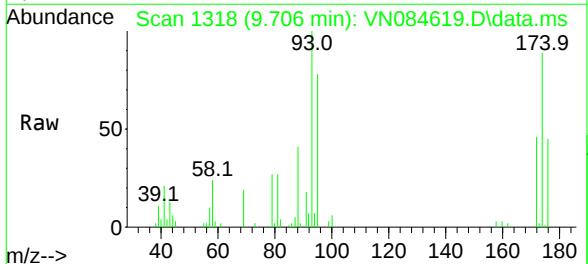
Manual Integrations
APPROVED

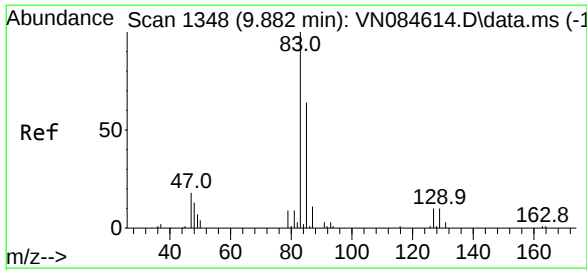
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#40
Dibromomethane
Concen: 19.539 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Tgt Ion: 93 Resp: 29763
Ion Ratio Lower Upper
93 100
95 80.8 0.0 168.4
174 90.2 0.0 183.4





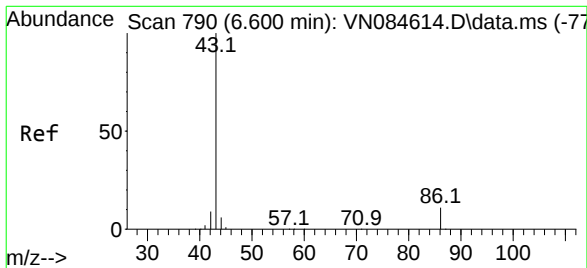
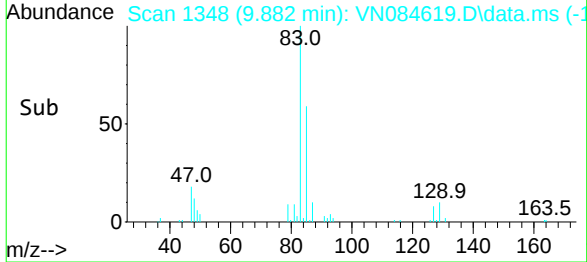
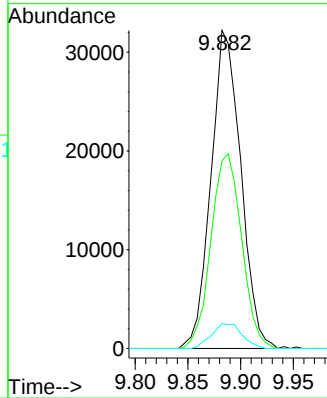
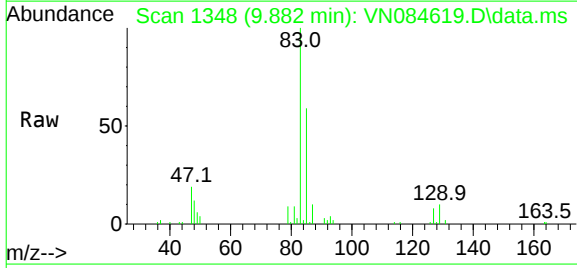
#41
Bromodichloromethane
Concen: 19.395 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Instrument : MSVOA_N
ClientSampleId : ICVVN103124

Tgt Ion: 83 Resp: 63336
Ion Ratio Lower Upper
83 100
85 59.0 51.0 76.6
127 7.8 7.8 11.6

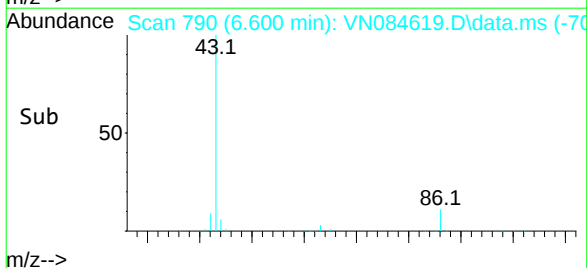
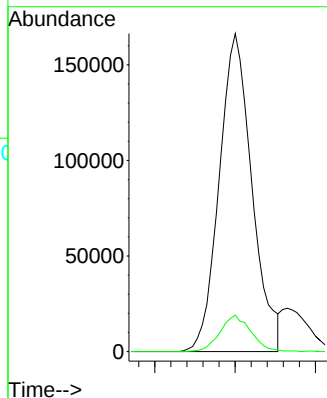
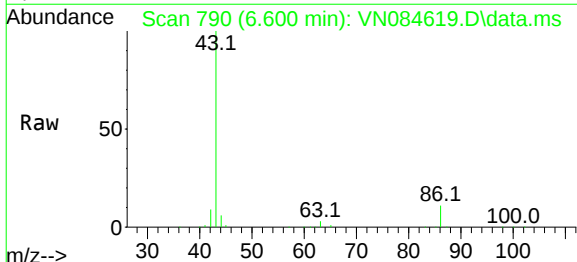
Manual Integrations
APPROVED

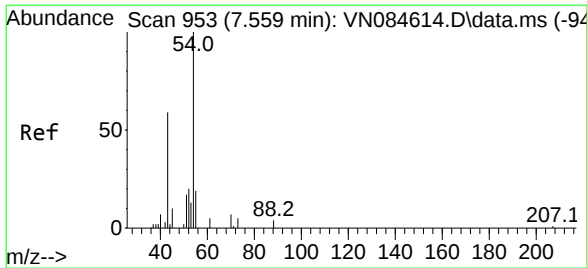
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#42
Vinyl Acetate
Concen: 99.926 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

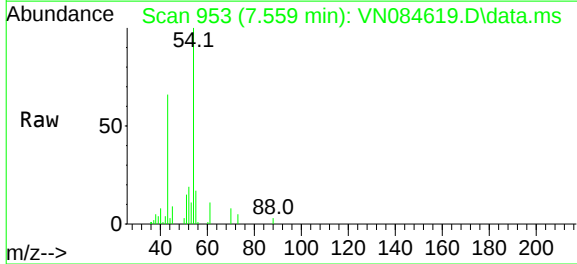
Tgt Ion: 43 Resp: 471501
Ion Ratio Lower Upper
43 100
86 10.7 8.6 13.0





#43
Ethyl Acetate
Concen: 19.830 ug/l
RT: 7.559 min Scan# 953
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

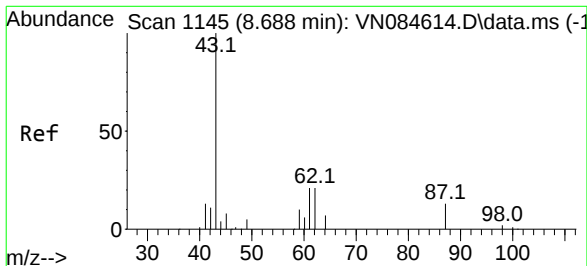
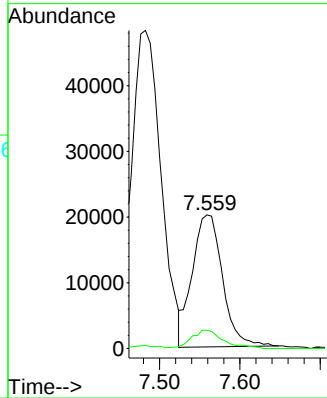
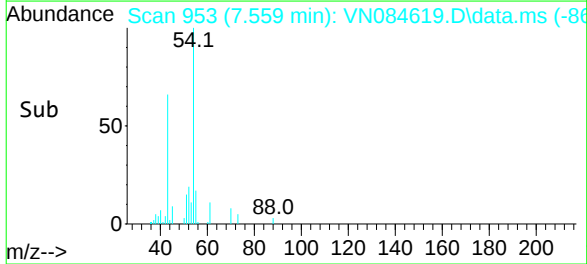
Instrument :
MSVOA_N
ClientSampleId :
ICVVN103124



Tgt Ion: 43 Resp: 52600
Ion Ratio Lower Upper
43 100
45 12.0 11.0 16.4

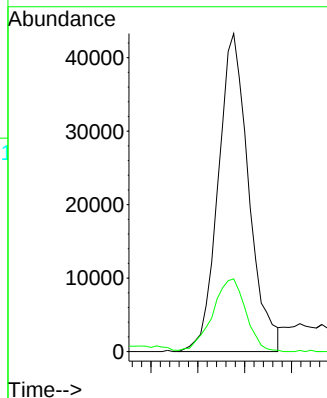
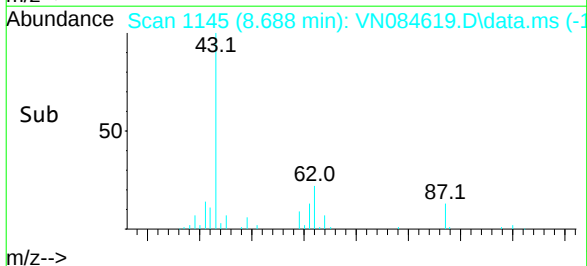
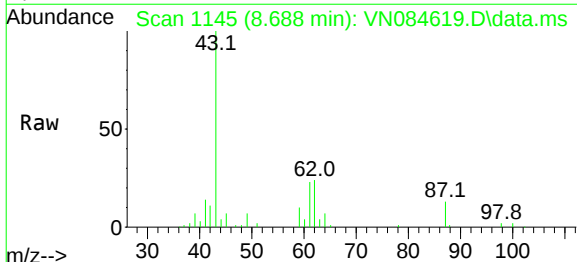
Manual Integrations
APPROVED

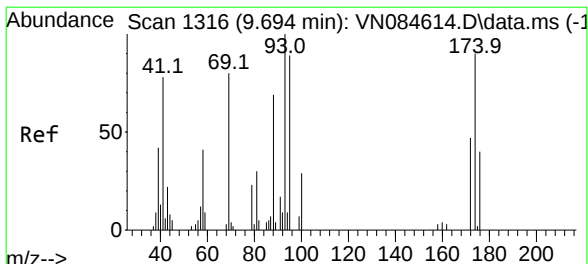
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#44
Isopropyl Acetate
Concen: 18.295 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

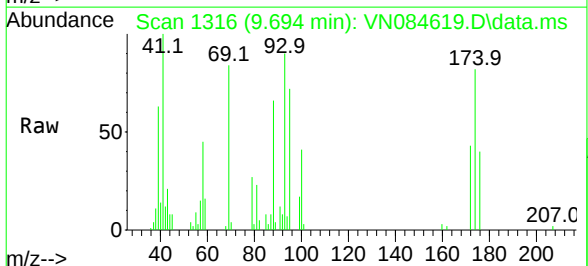
Tgt Ion: 43 Resp: 98265
Ion Ratio Lower Upper
43 100
61 24.9 19.8 29.8





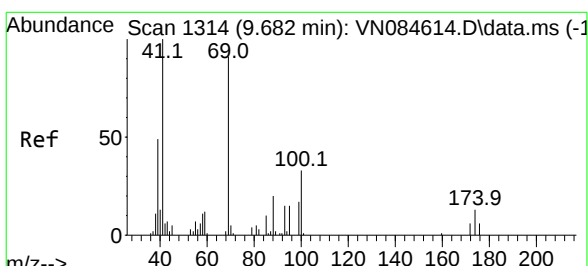
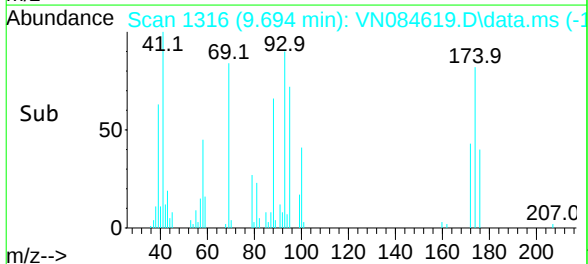
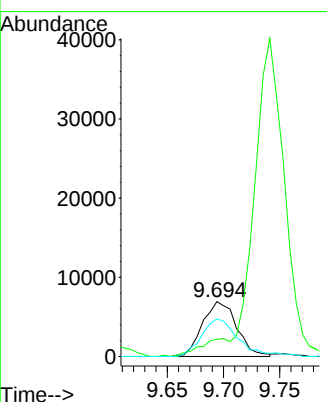
#45
 1,4-Dioxane
 Concen: 409.524 ug/l
 RT: 9.694 min Scan# 1316
 Delta R.T. -0.000 min
 Lab File: VN084619.D
 Acq: 31 Oct 2024 14:42

Instrument : MSVOA_N
 ClientSampleId : ICVVN103124



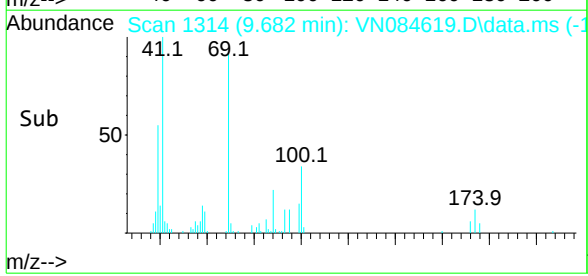
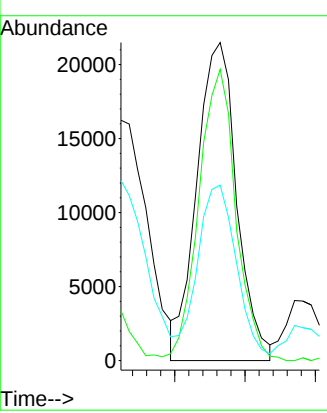
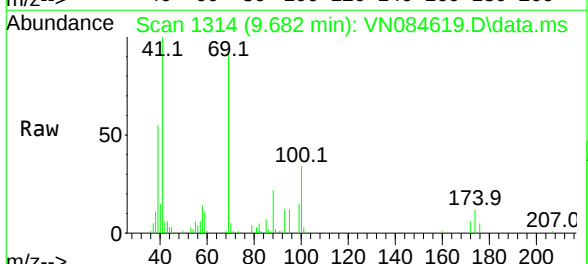
Tgt Ion:	88	Resp:	14685
Ion Ratio	Lower	Upper	
88	100		
43	29.2	20.8	31.2
58	71.3	53.4	80.2

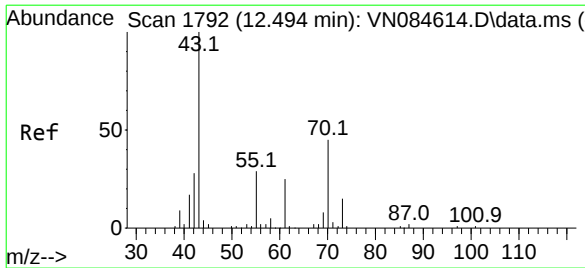
Manual Integrations
APPROVED
 Reviewed By :Semsettin Yesilyurt 11/04/2024
 Supervised By :Mahesh Dadoda 11/04/2024



#46
 Methyl methacrylate
 Concen: 19.620 ug/l
 RT: 9.682 min Scan# 1314
 Delta R.T. -0.000 min
 Lab File: VN084619.D
 Acq: 31 Oct 2024 14:42

Tgt Ion:	41	Resp:	42350
Ion Ratio	Lower	Upper	
41	100		
69	94.9	43.4	130.2
39	55.7	24.7	74.1





#47

n-amyl Acetate

Concen: 19.811 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

ICVVN103124

Tgt Ion: 43 Resp: 79469

Ion Ratio Lower Upper

43 100

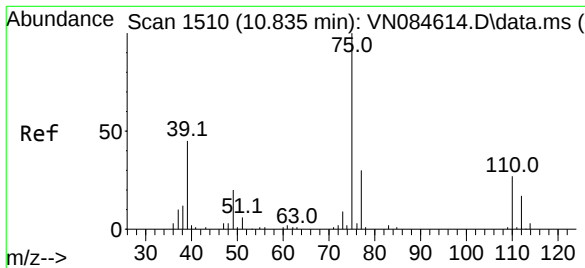
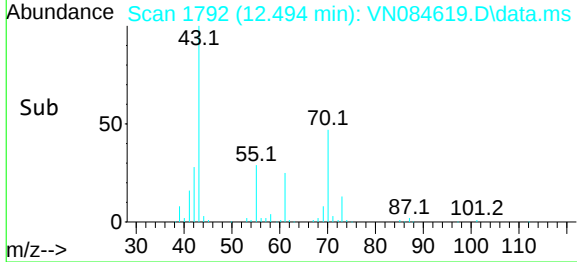
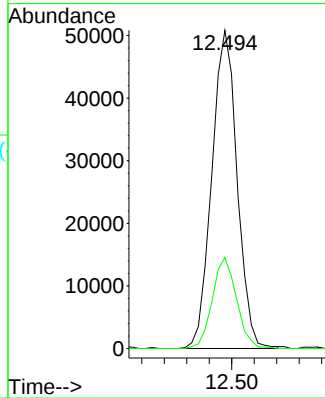
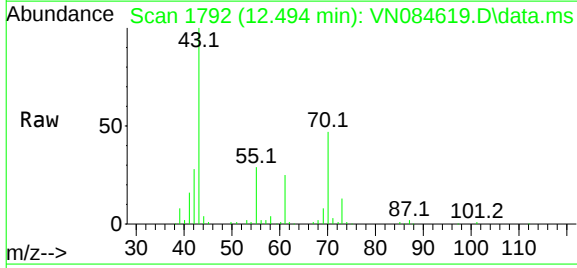
55 27.3 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/04/2024

Supervised By :Mahesh Dadoda 11/04/2024



#48

t-1,3-Dichloropropene

Concen: 19.551 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. -0.000 min

Lab File: VN084619.D

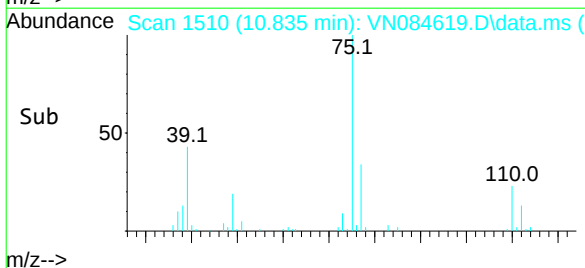
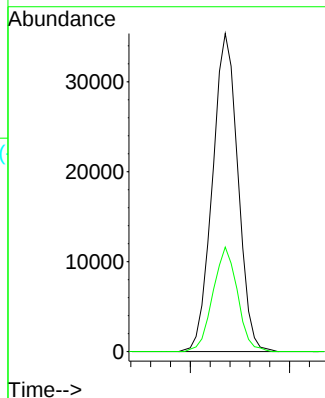
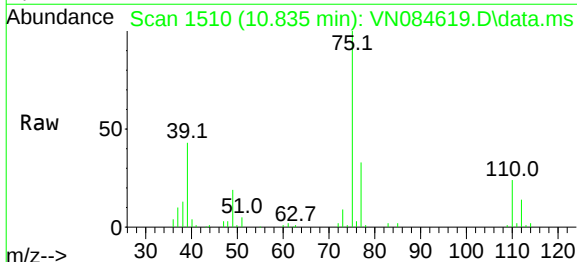
Acq: 31 Oct 2024 14:42

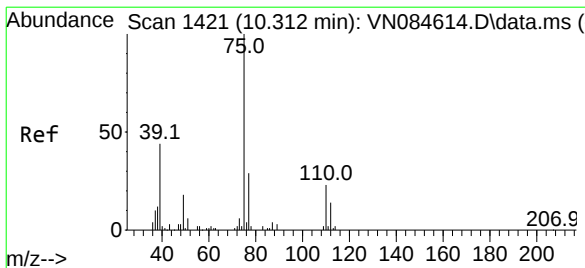
Tgt Ion: 75 Resp: 63042

Ion Ratio Lower Upper

75 100

77 32.9 24.4 36.6





#49

cis-1,3-Dichloropropene

Concen: 19.529 ug/l

RT: 10.312 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

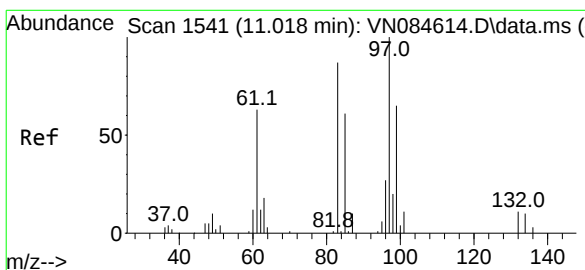
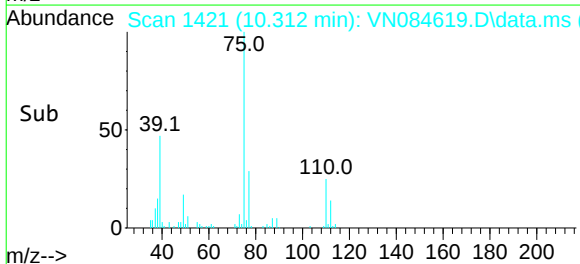
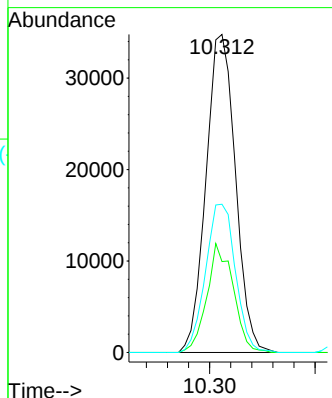
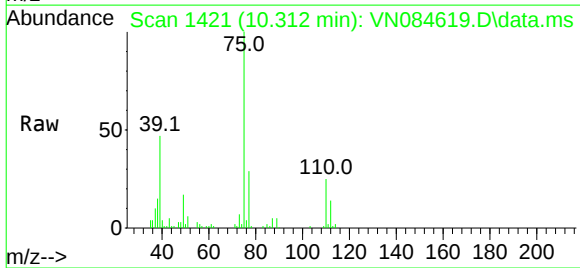
ICVVN103124

Tgt Ion: 75	Resp: 67496
Ion Ratio	Lower Upper
75 100	
77 28.6	23.4 35.2
39 46.6	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: 19.786 ug/l

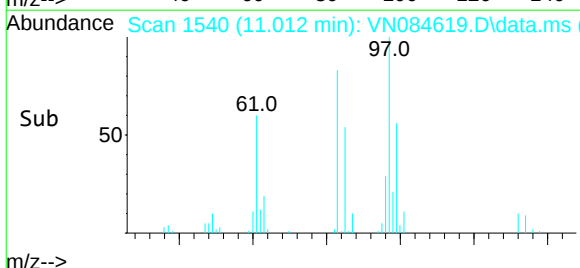
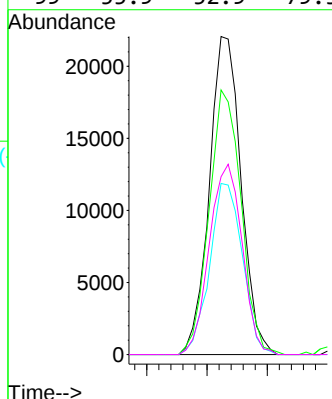
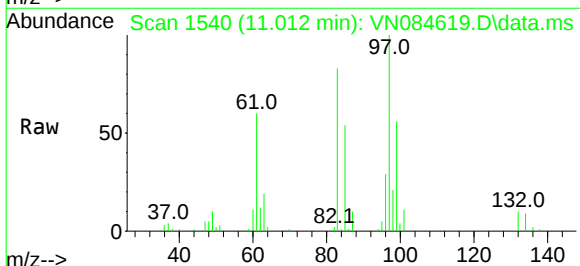
RT: 11.012 min Scan# 1540

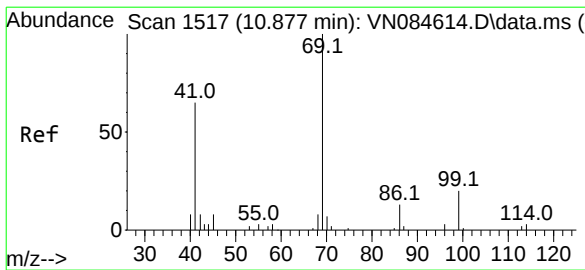
Delta R.T. -0.006 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Tgt Ion: 97	Resp: 40428
Ion Ratio	Lower Upper
97 100	
83 83.2	69.8 104.8
85 53.8	48.6 73.0
99 55.9	52.9 79.3





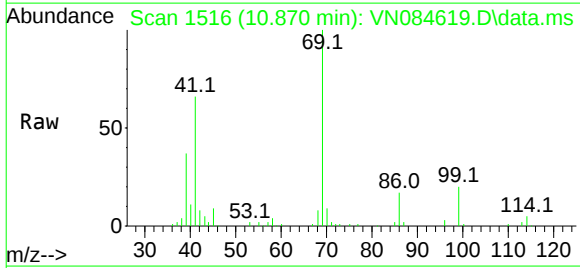
#51
Ethyl methacrylate
Concen: 19.481 ug/l
RT: 10.870 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

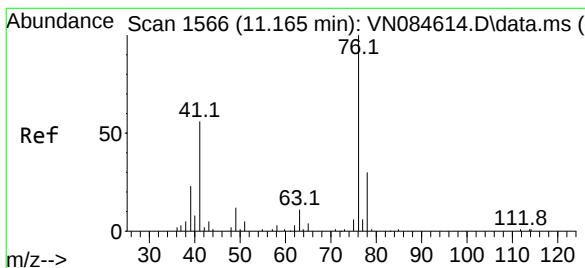
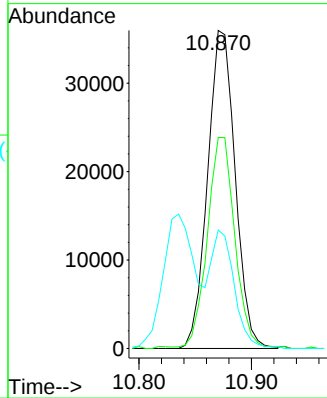
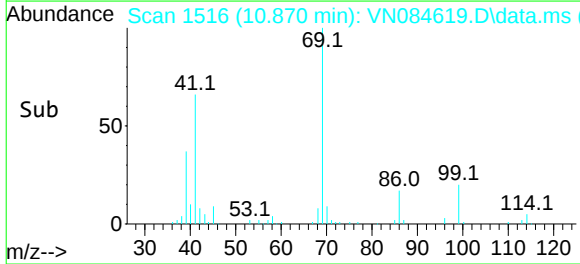
ICVVN103124



Tgt Ion: 69 Resp: 61356
Ion Ratio Lower Upper
69 100
41 65.9 32.8 98.3
39 36.6 15.4 46.1

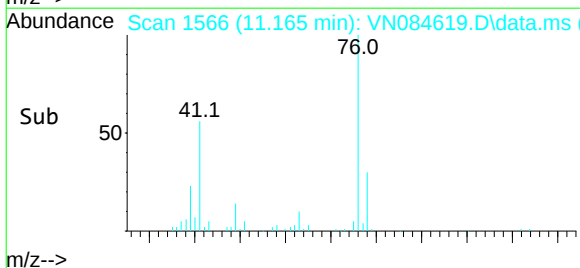
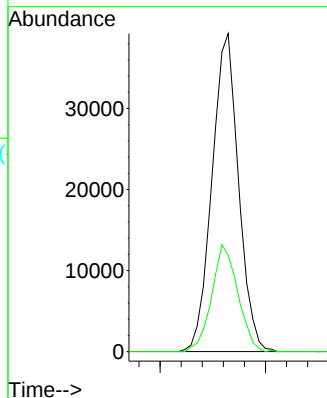
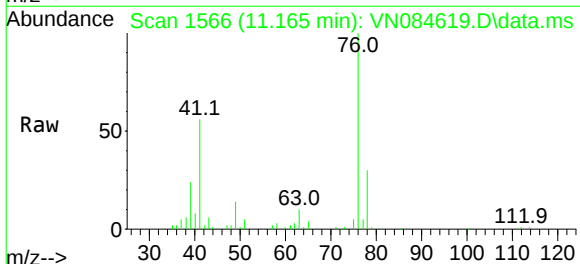
Manual Integrations
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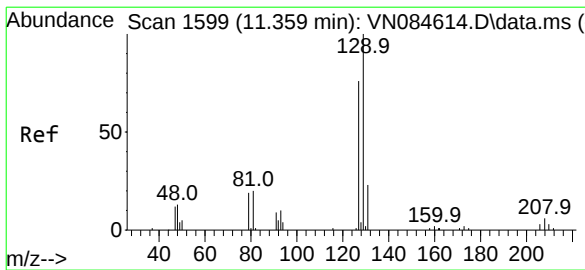
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#52
1,3-Dichloropropane
Concen: 19.341 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Tgt Ion: 76 Resp: 68595
Ion Ratio Lower Upper
76 100
78 33.1 0.0 64.0





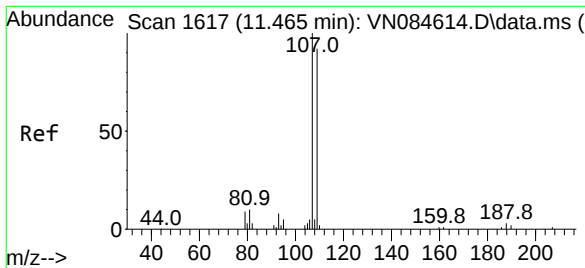
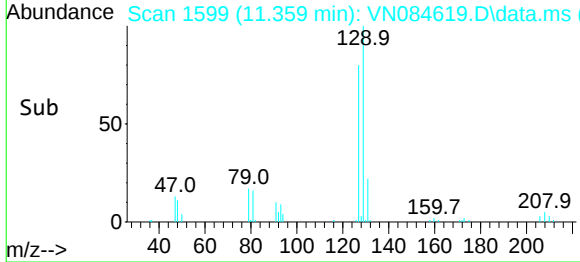
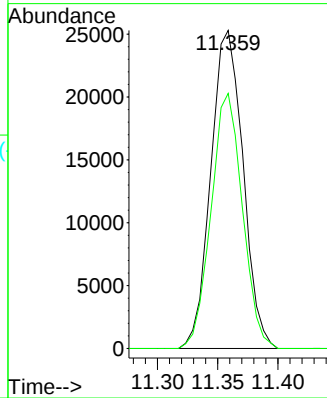
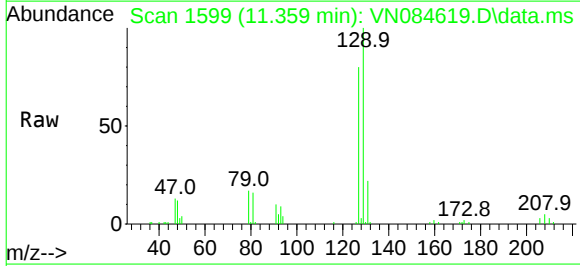
#53
Dibromochloromethane
Concen: 19.690 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Instrument :
MSVOA_N
ClientSampleId :
ICVVN103124

Tgt Ion:129 Resp: 47080
Ion Ratio Lower Upper
129 100
127 78.0 39.6 119.0

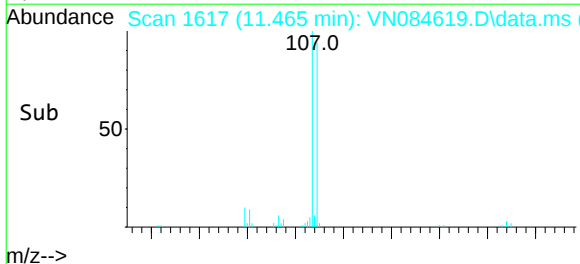
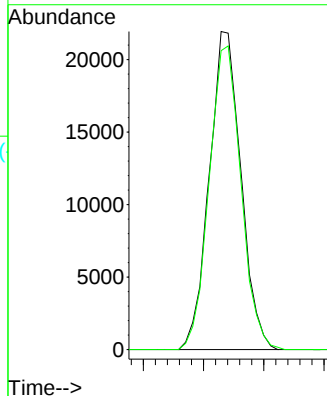
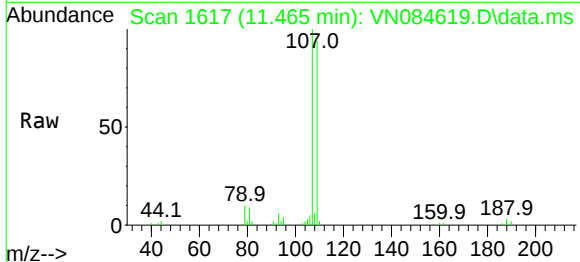
Manual Integrations
APPROVED

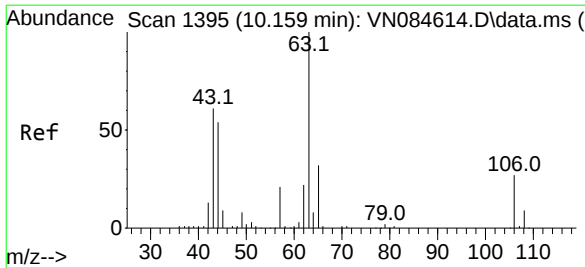
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#54
1,2-Dibromoethane
Concen: 19.356 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

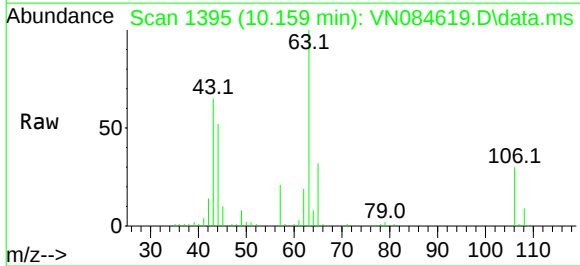
Tgt Ion:107 Resp: 40000
Ion Ratio Lower Upper
107 100
109 95.9 73.4 110.0





#55
2-Chloroethyl vinyl ether
Concen: 102.456 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

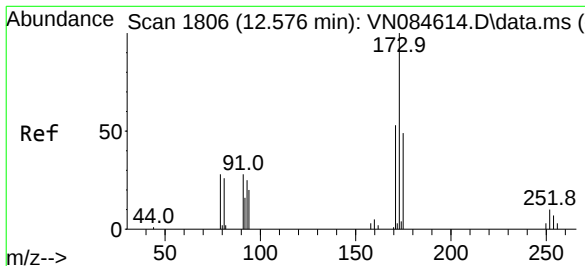
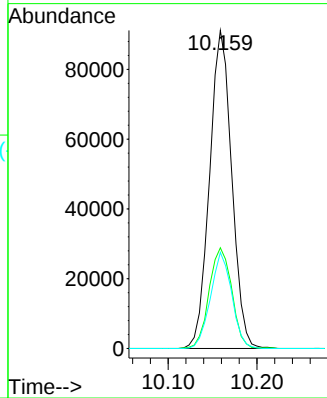
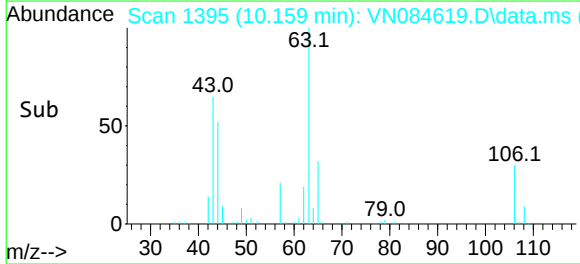
Instrument : MSVOA_N
ClientSampleId : ICVVN103124



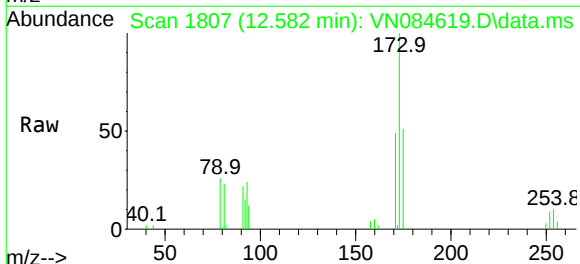
Tgt Ion: 63 Resp: 158206
Ion Ratio Lower Upper
63 100
65 32.4 25.5 38.3
106 29.0 22.3 33.5

Manual Integrations
APPROVED

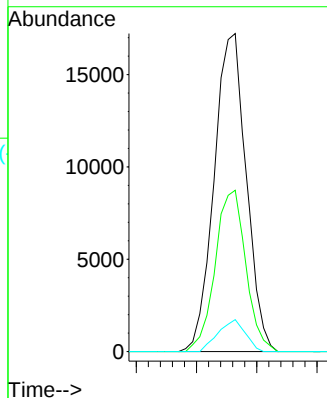
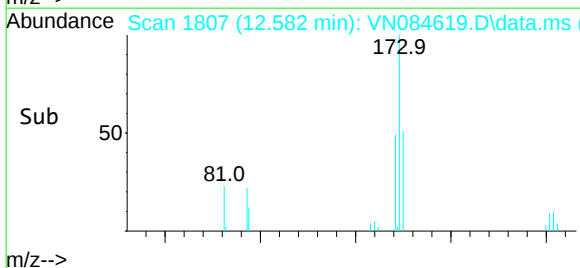
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024

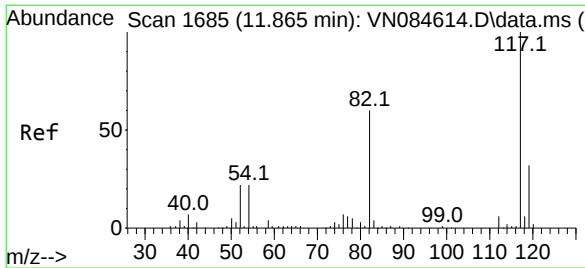


#56
Bromoform
Concen: 19.898 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42



Tgt Ion:173 Resp: 31892
Ion Ratio Lower Upper
173 100
175 48.4 39.4 59.2
254 8.5 6.4 9.6





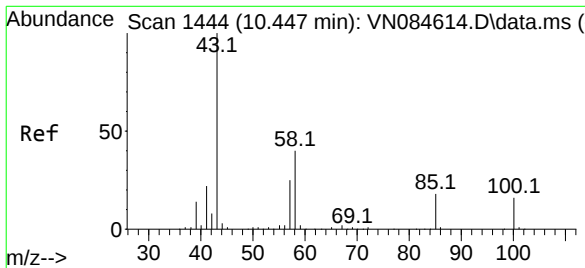
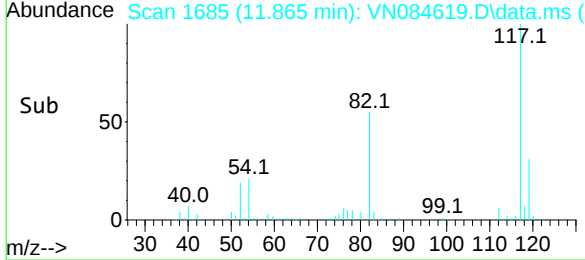
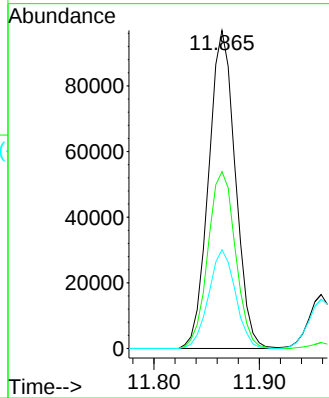
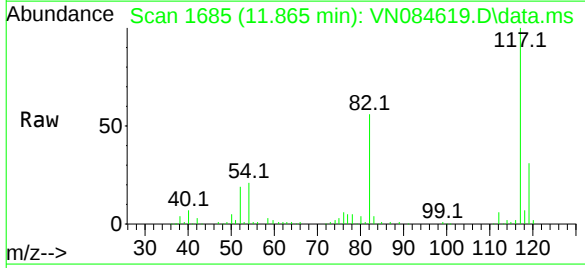
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Instrument :
MSVOA_N
ClientSampleId :
ICVVN103124

Tgt Ion: 117 Resp: 170699
Ion Ratio Lower Upper
117 100
82 57.2 45.5 68.3
119 31.1 25.3 37.9

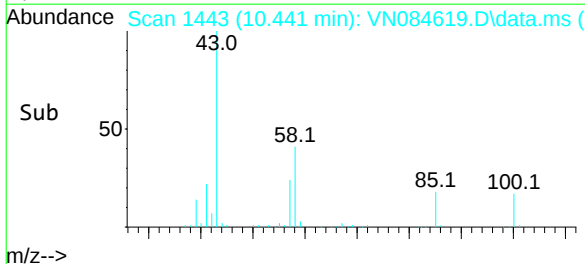
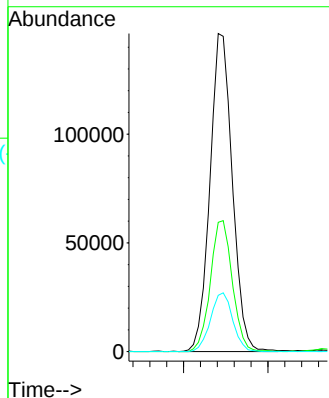
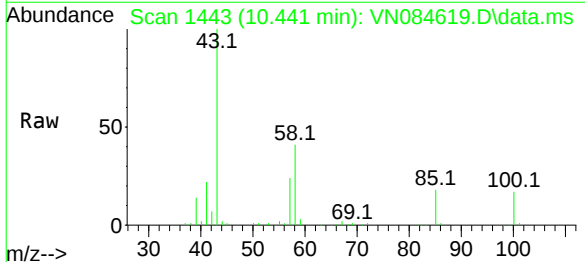
Manual Integrations
APPROVED

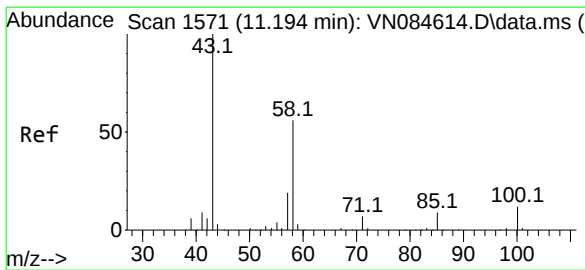
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#58
4-Methyl-2-Pentanone
Concen: 100.170 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Tgt Ion: 43 Resp: 269754
Ion Ratio Lower Upper
43 100
58 40.4 31.2 46.8
85 18.3 14.9 22.3





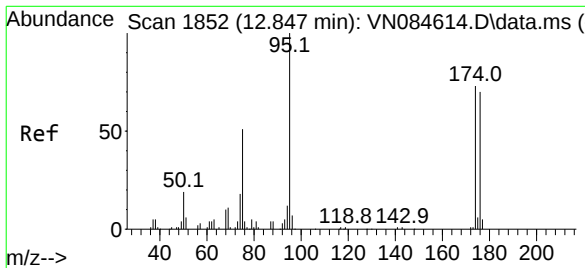
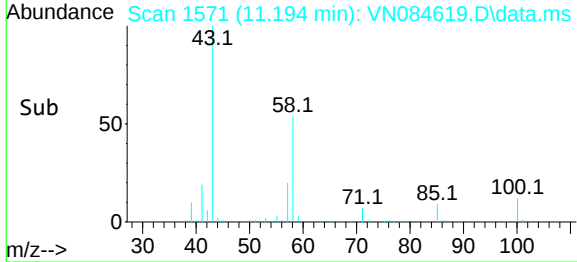
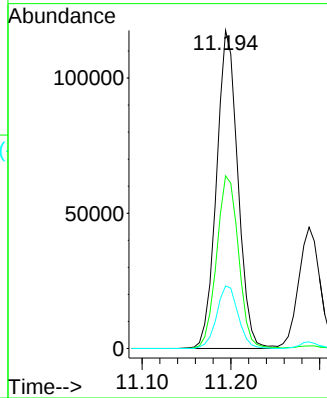
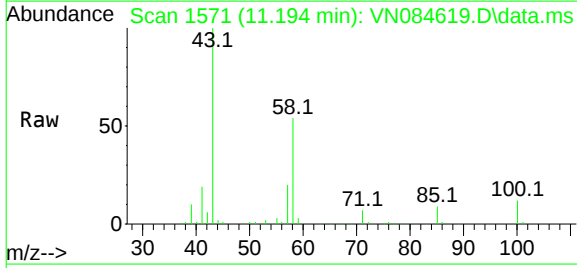
#59
2-Hexanone
Concen: 99.639 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Instrument :
MSVOA_N
ClientSampleId :
ICVVN103124

Tgt Ion: 43 Resp: 196485
Ion Ratio Lower Upper
43 100
58 55.6 43.8 65.6
57 19.8 15.0 22.6

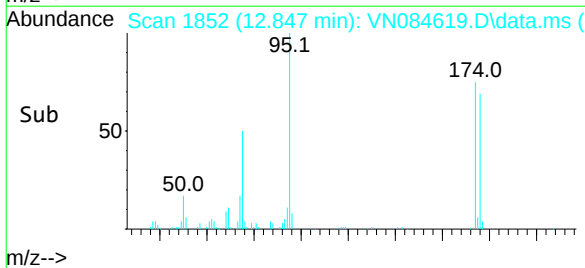
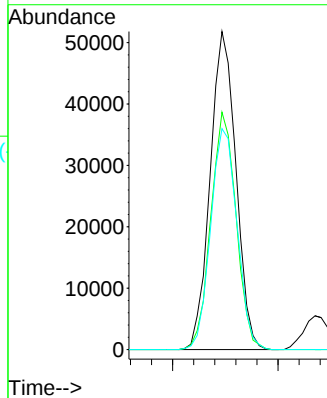
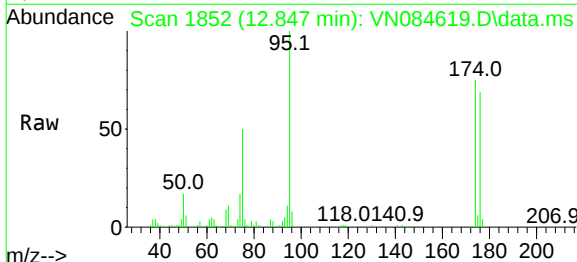
Manual Integrations
APPROVED

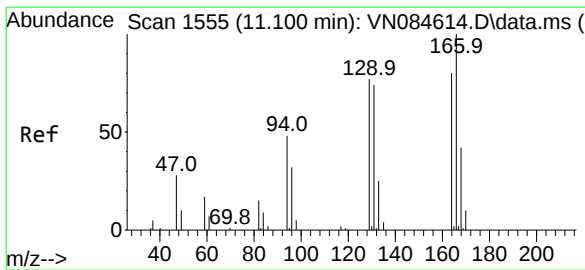
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#60
4-Bromofluorobenzene
Concen: 29.939 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

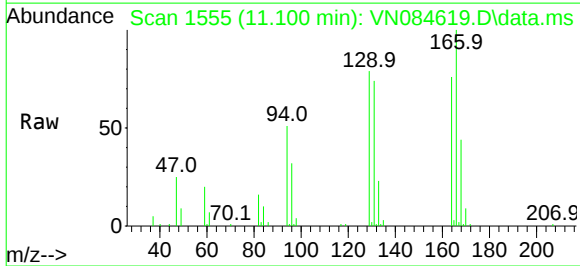
Tgt Ion: 95 Resp: 87996
Ion Ratio Lower Upper
95 100
174 73.1 59.6 89.4
176 71.1 58.6 88.0





#61
Tetrachloroethene
Concen: 19.129 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

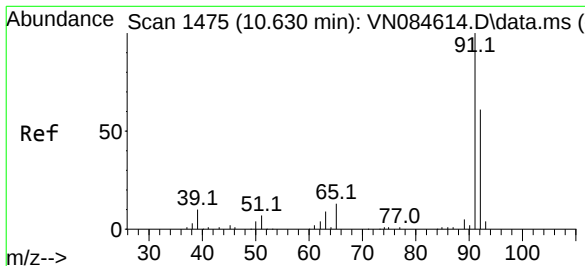
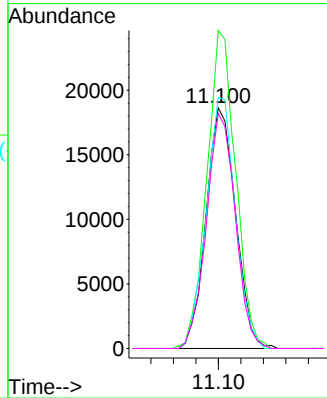
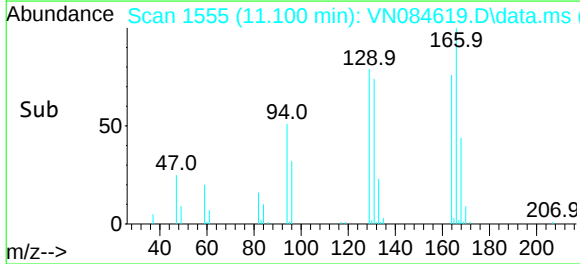
Instrument :
MSVOA_N
ClientSampleId :
ICVVN103124



Tgt Ion:164 Resp: 34173
Ion Ratio Lower Upper
164 100
166 132.1 100.5 150.7
129 104.2 77.7 116.5
131 97.6 74.7 112.1

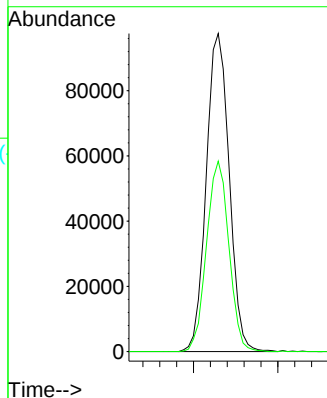
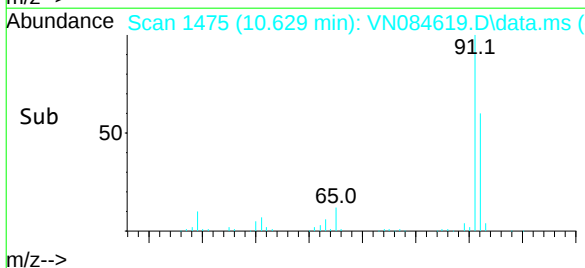
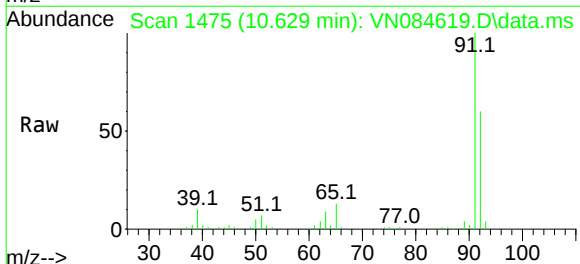
Manual Integrations
APPROVED

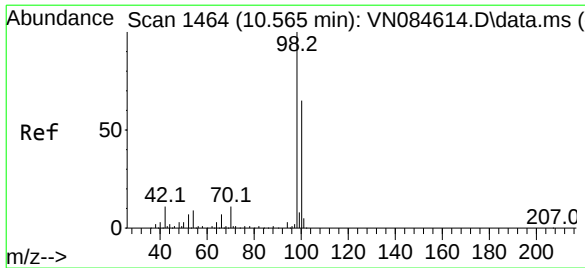
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#62
Toluene
Concen: 18.941 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Tgt Ion: 91 Resp: 184150
Ion Ratio Lower Upper
91 100
92 58.5 47.5 71.3





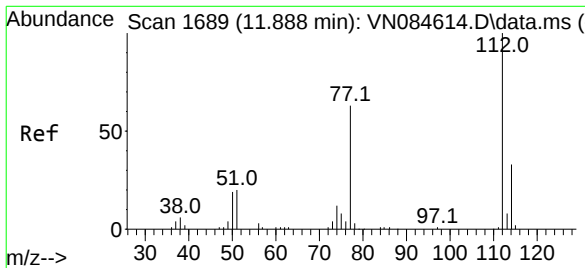
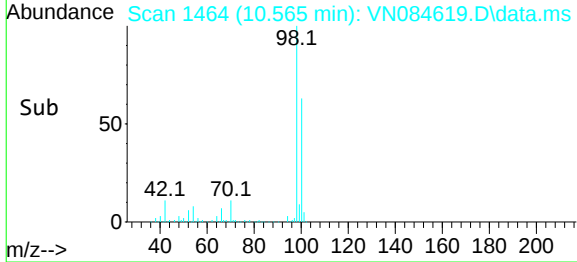
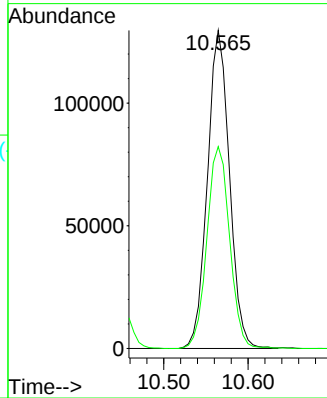
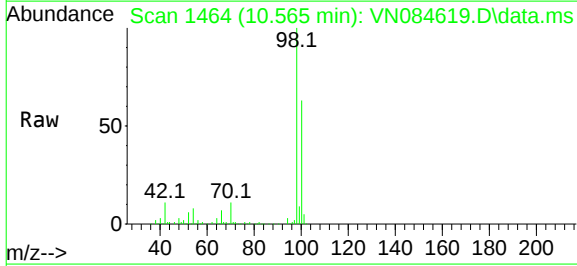
#63
Toluene-d8
Concen: 29.138 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Instrument :
MSVOA_N
ClientSampleId :
ICVVN103124

Tgt Ion: 98 Resp: 235463
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2

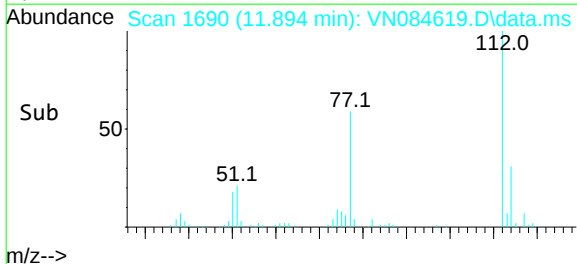
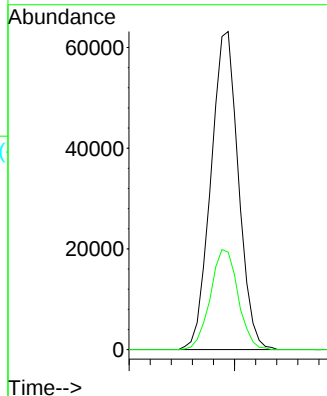
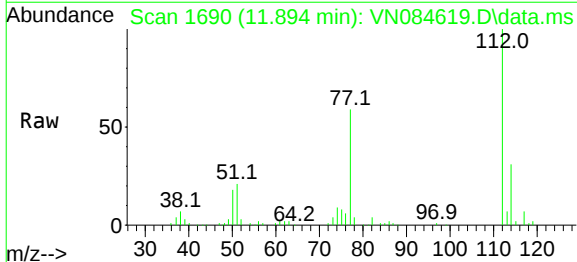
Manual Integrations
APPROVED

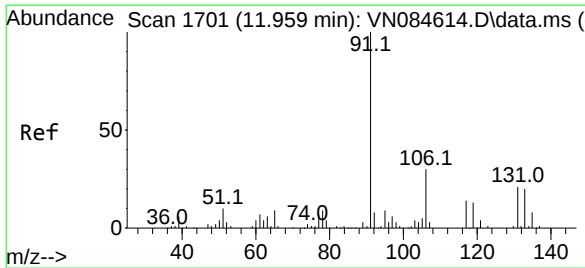
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#64
Chlorobenzene
Concen: 19.519 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

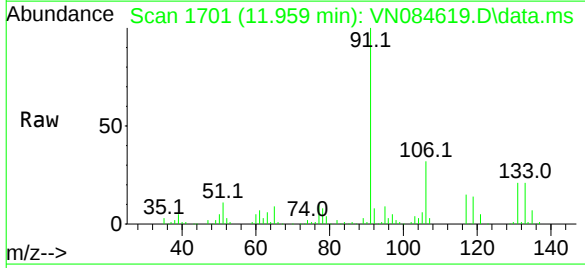
Tgt Ion:112 Resp: 114563
Ion Ratio Lower Upper
112 100
114 30.6 26.2 39.4





#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.937 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VN084619.D
 Acq: 31 Oct 2024 14:42

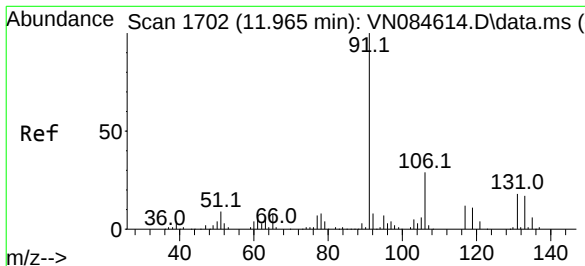
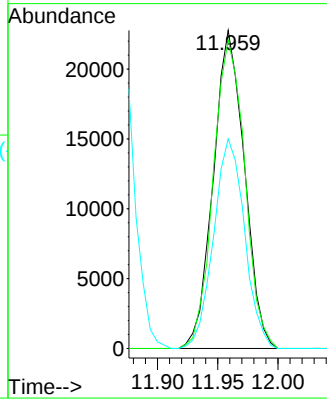
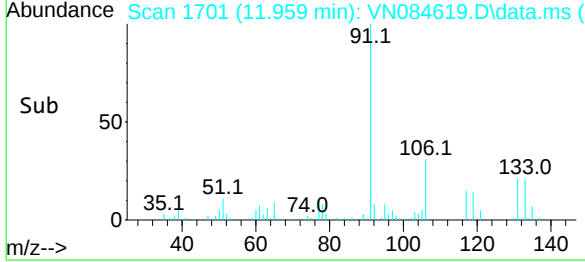
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN103124



Tgt Ion: 131 Resp: 40847
 Ion Ratio Lower Upper
 131 100
 133 98.3 0.0 189.2
 119 65.6 0.0 129.4

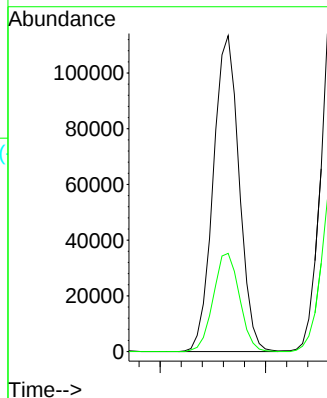
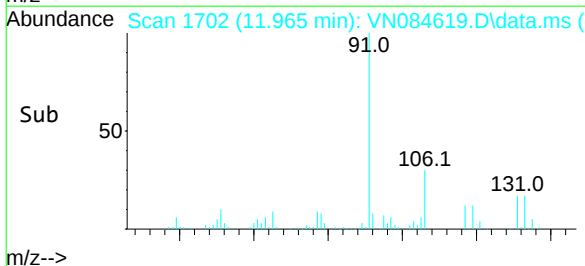
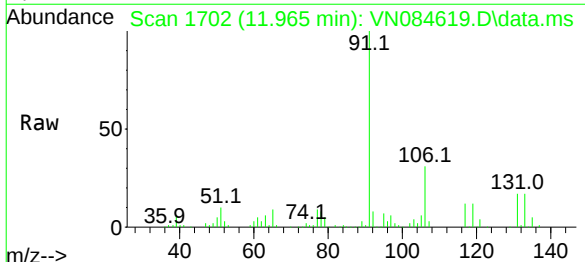
Manual Integrations
 APPROVED

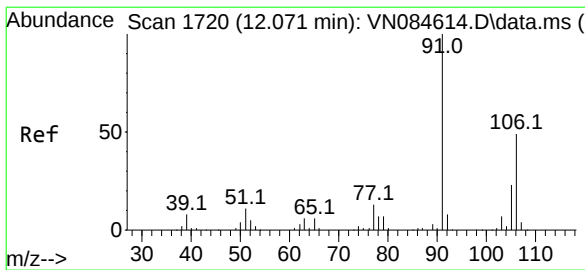
Reviewed By :Semsettin Yesilyurt 11/04/2024
 Supervised By :Mahesh Dadoda 11/04/2024



#66
 Ethyl Benzene
 Concen: 18.953 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.000 min
 Lab File: VN084619.D
 Acq: 31 Oct 2024 14:42

Tgt Ion: 91 Resp: 193657
 Ion Ratio Lower Upper
 91 100
 106 31.1 22.9 34.3





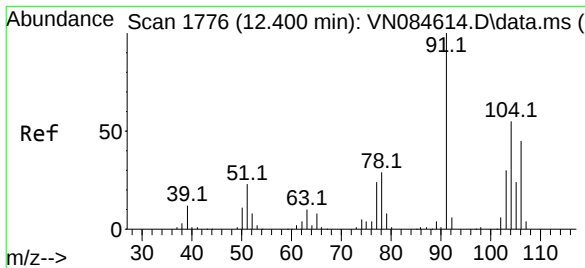
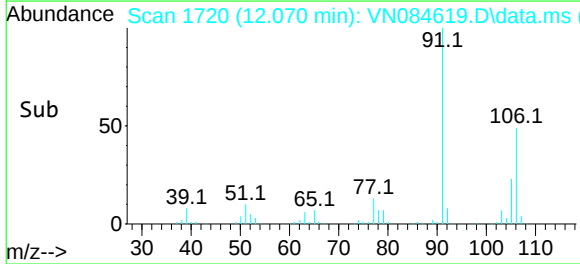
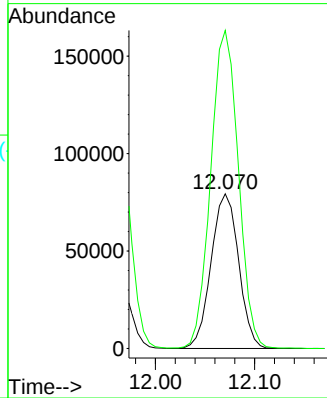
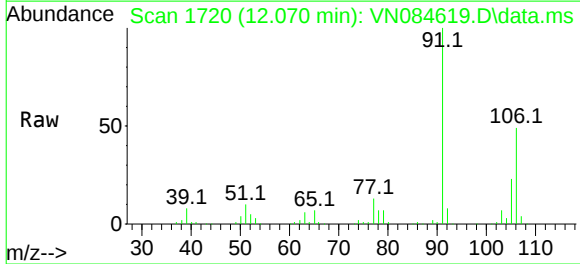
#67
m/p-Xylenes
Concen: 39.137 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Instrument :
MSVOA_N
ClientSampleId :
ICVVN103124

Tgt Ion:106 Resp: 153096
Ion Ratio Lower Upper
106 100
91 206.5 168.1 252.1

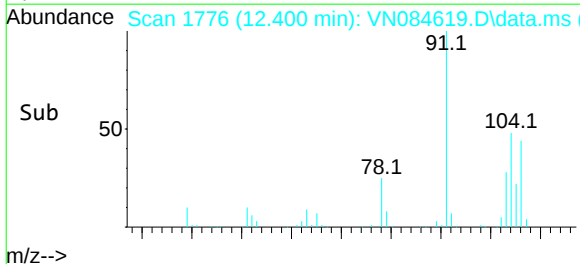
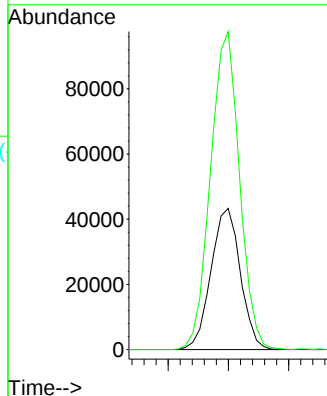
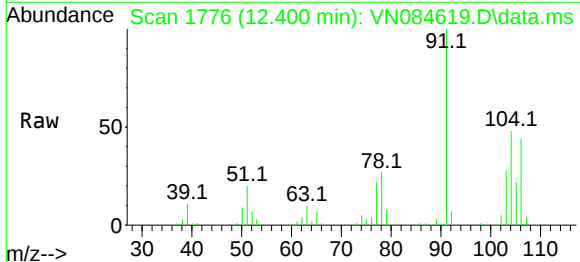
Manual Integrations
APPROVED

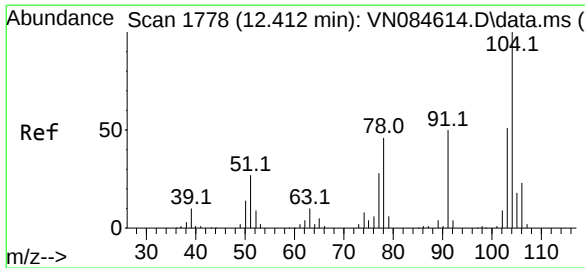
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#68
o-Xylene
Concen: 19.434 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Tgt Ion:106 Resp: 73335
Ion Ratio Lower Upper
106 100
91 222.6 107.7 322.9





#69

Styrene

Concen: 19.701 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

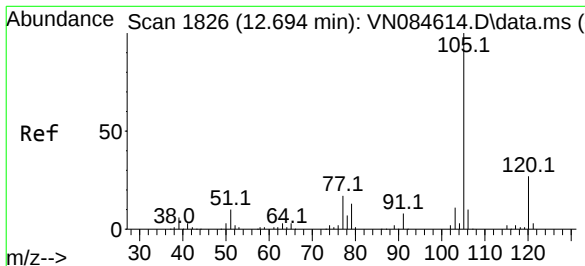
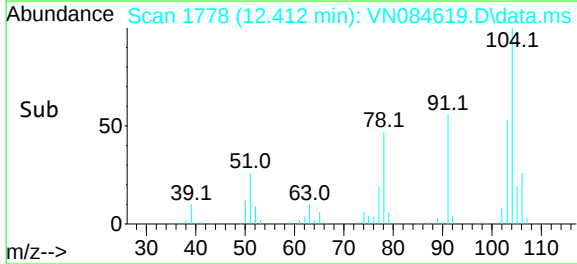
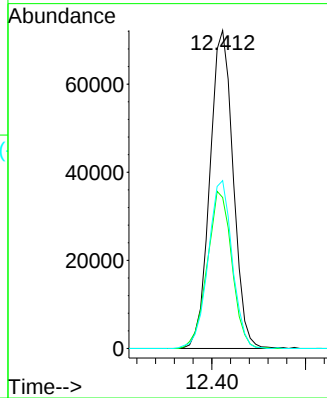
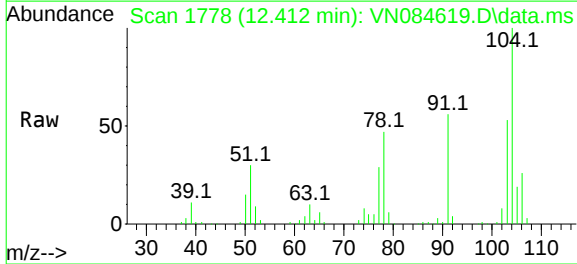
ICVVN103124

Tgt Ion:	104	Resp:	124645
Ion Ratio	Lower	Upper	
104	100		
78	52.0	41.5	62.3
103	54.5	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

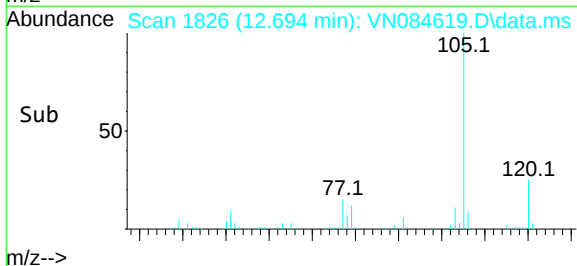
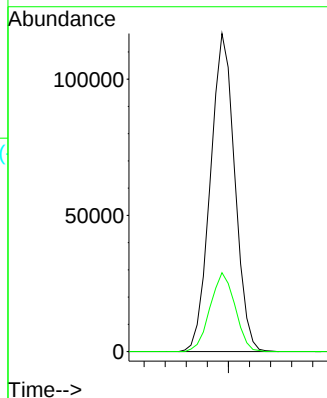
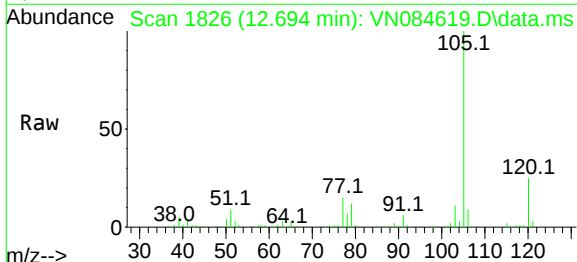
RT: 12.694 min Scan# 1826

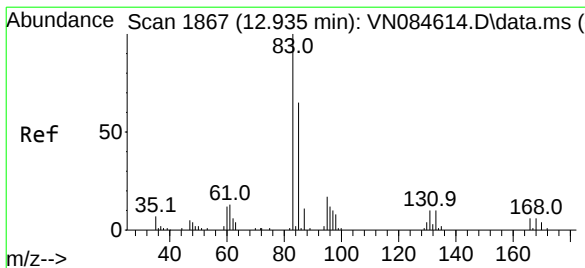
Delta R.T. -0.000 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Tgt Ion:	105	Resp:	188026
Ion Ratio	Lower	Upper	
105	100		
120	25.3	18.7	34.7





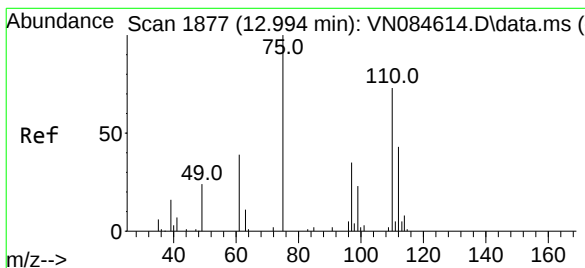
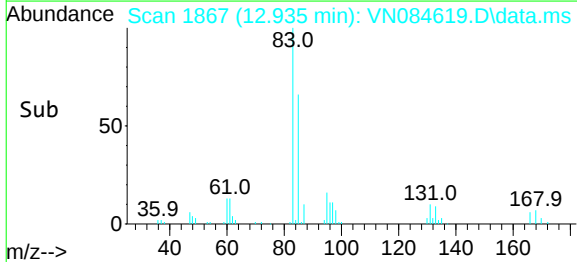
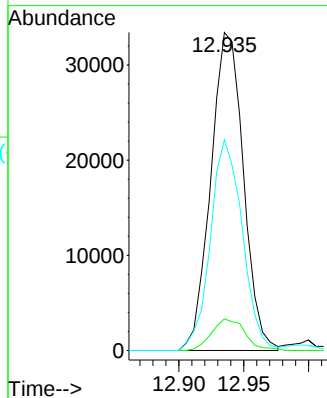
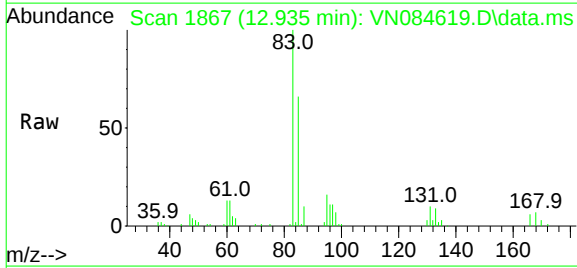
#71
1,1,2,2-Tetrachloroethane
Concen: 19.273 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Instrument :
MSVOA_N
ClientSampleId :
ICVVN103124

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.1	15.3
85	64.8	33.3	99.9

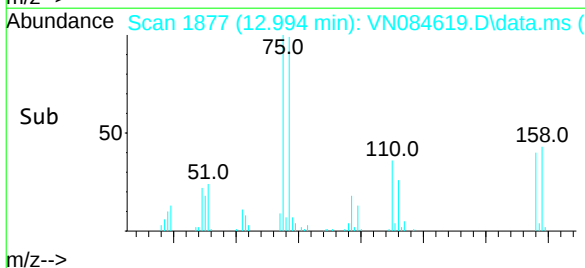
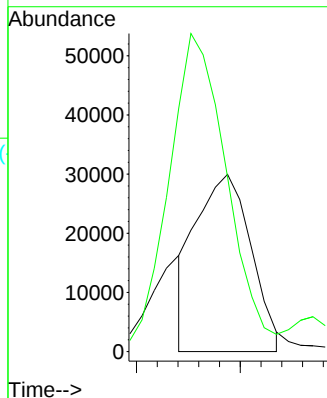
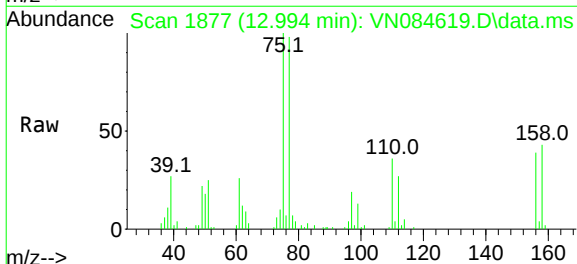
Manual Integrations
APPROVED

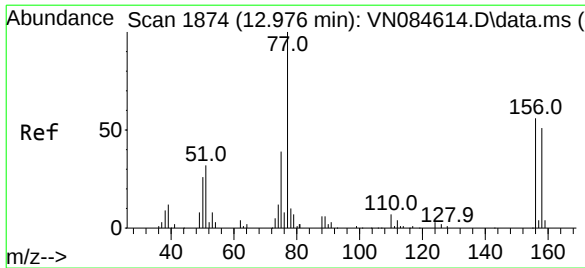
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#72
1,2,3-Trichloropropane
Concen: 21.337 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Tgt Ion	Ratio	Lower	Upper
75	100		
77	189.5	0.0	358.4





#73

Bromobenzene

Concen: 19.118 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

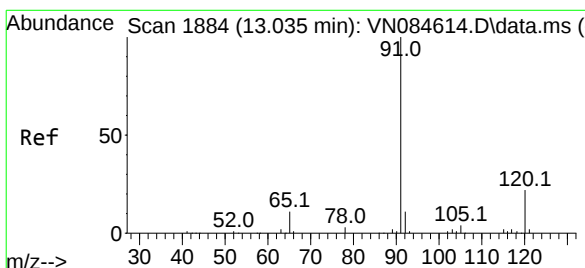
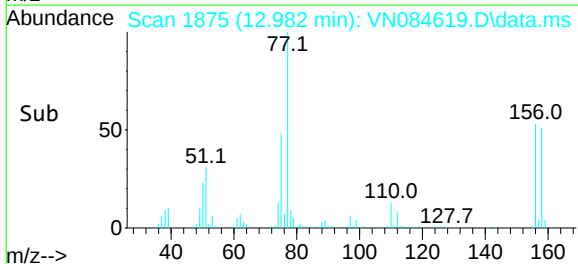
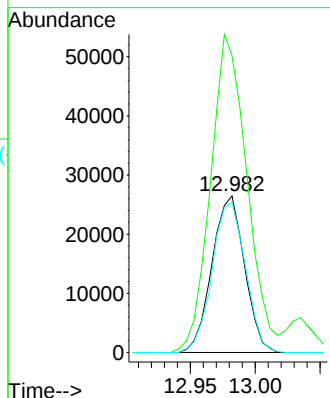
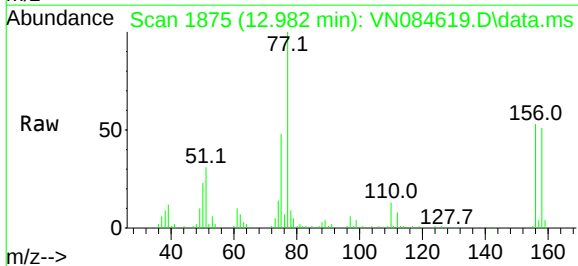
ICVVN103124

Tgt	Ion:156	Resp:	46221
Ion	Ratio	Lower	Upper
156	100		
77	226.9	0.0	427.6
158	98.2	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: 19.858 ug/l

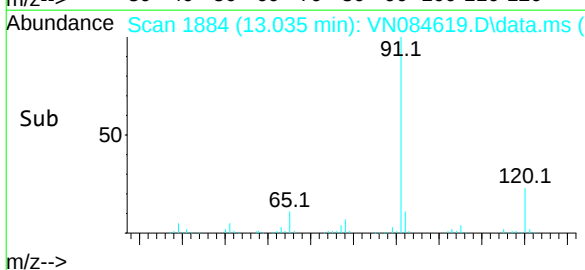
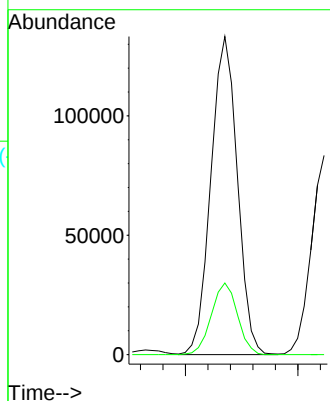
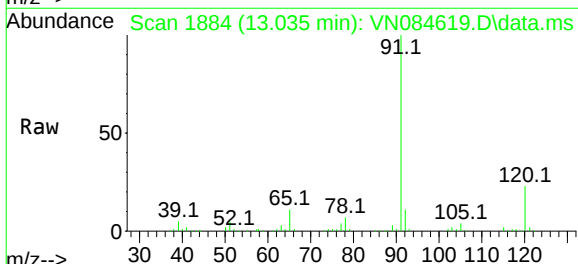
RT: 13.035 min Scan# 1884

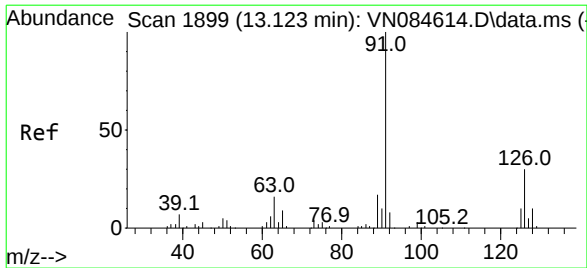
Delta R.T. -0.000 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Tgt	Ion: 91	Resp:	217666
Ion	Ratio	Lower	Upper
91	100		
120	22.1	0.0	44.0





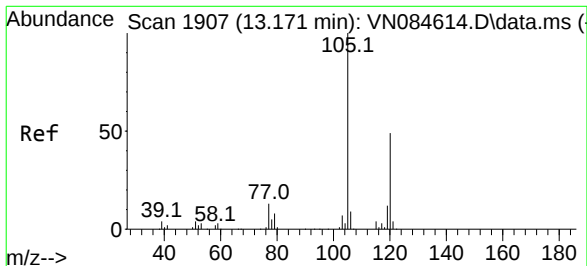
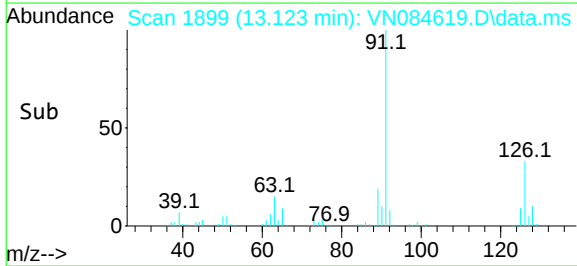
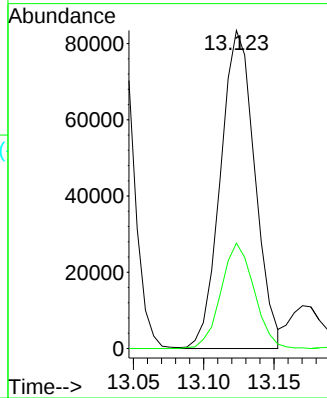
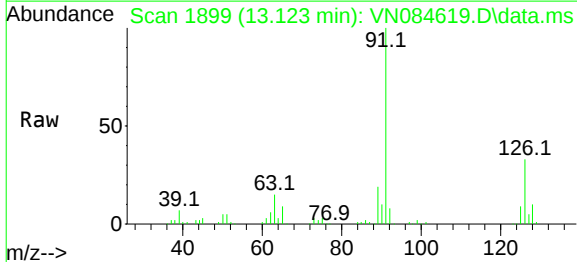
#75
2-Chlorotoluene
Concen: 19.851 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Instrument :
MSVOA_N
ClientSampleId :
ICVVN103124

Tgt Ion: 91 Resp: 141697
Ion Ratio Lower Upper
91 100
126 31.9 0.0 60.8

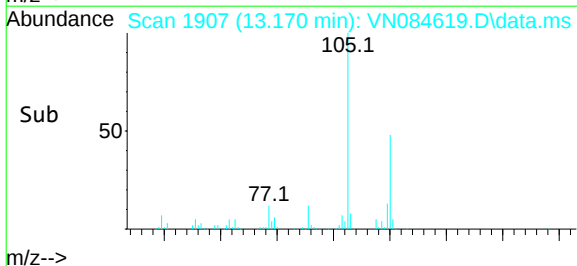
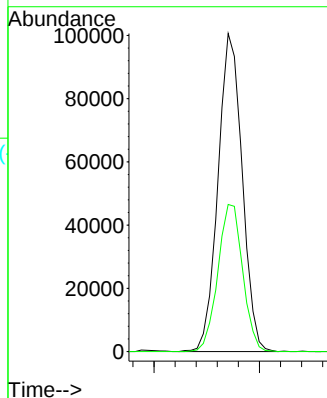
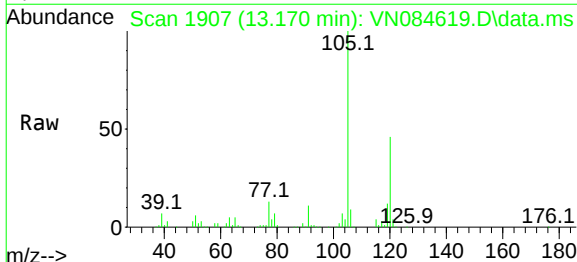
Manual Integrations
APPROVED

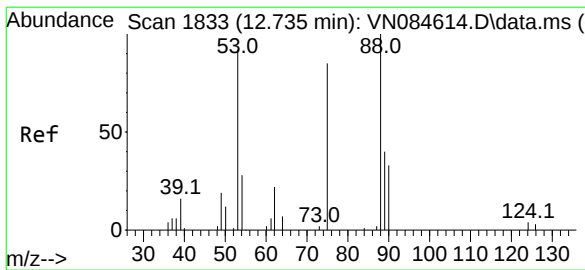
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#76
1,3,5-Trimethylbenzene
Concen: 20.014 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

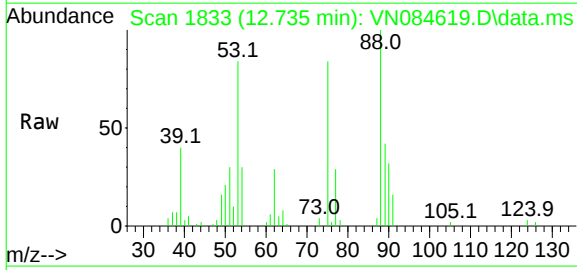
Tgt Ion:105 Resp: 160297
Ion Ratio Lower Upper
105 100
120 47.5 0.0 96.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.312 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

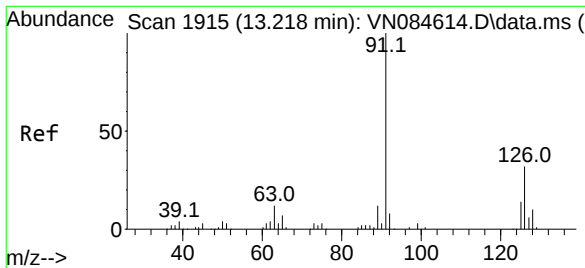
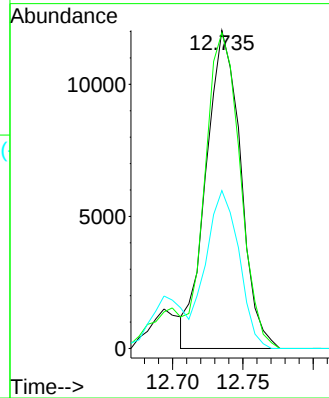
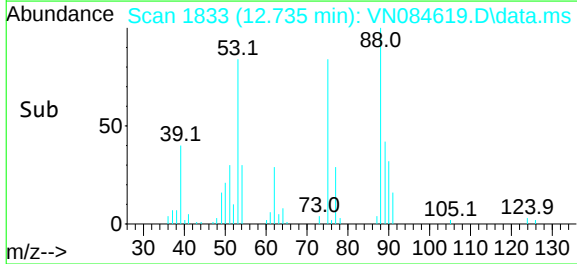
Instrument :
MSVOA_N
ClientSampleId :
ICVVN103124



Tgt Ion: 75 Resp: 20549
Ion Ratio Lower Upper
75 100
53 99.3 52.4 157.2
89 49.6 26.0 78.0

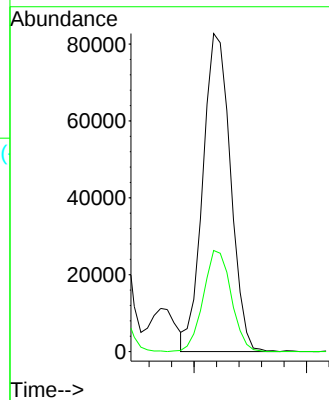
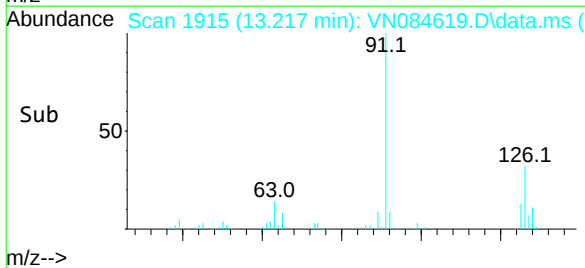
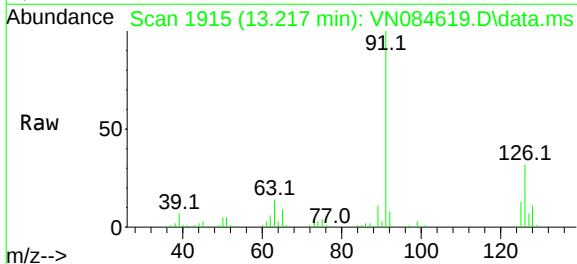
Manual Integrations
APPROVED

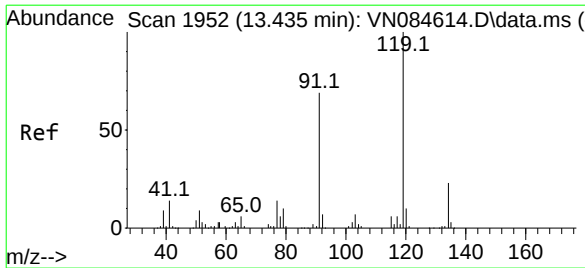
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#78
4-Chlorotoluene
Concen: 19.616 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Tgt Ion: 91 Resp: 141472
Ion Ratio Lower Upper
91 100
126 32.0 0.0 63.4





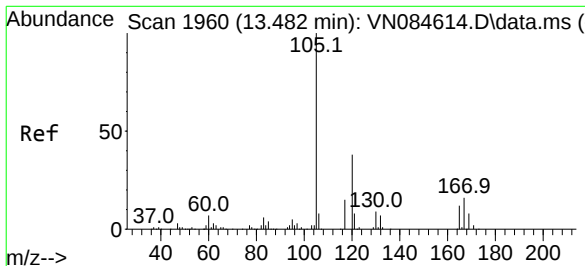
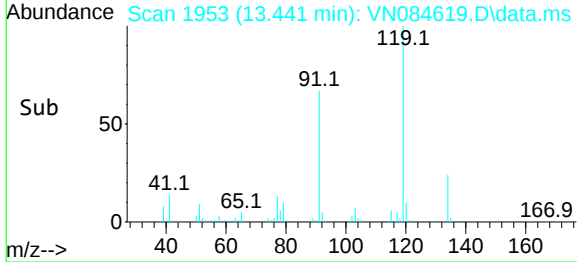
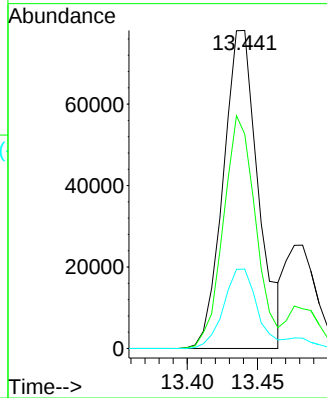
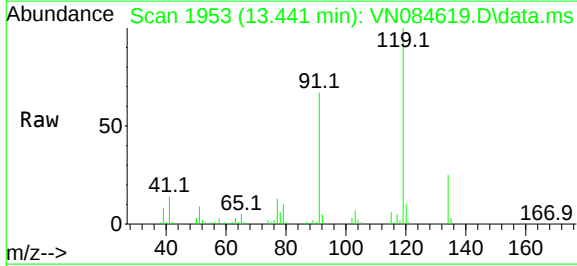
#79
tert-butylbenzene
Concen: 20.379 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Instrument :
MSVOA_N
ClientSampleId :
ICVVN103124

Tgt Ion:119 Resp: 134979
Ion Ratio Lower Upper
119 100
91 67.9 0.0 143.2
134 23.9 0.0 49.4

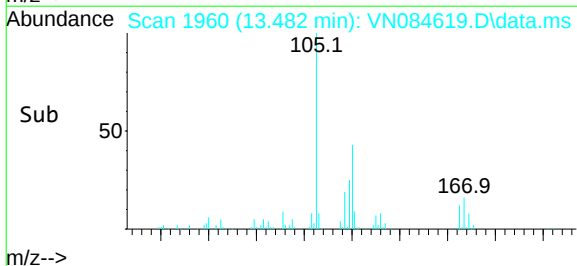
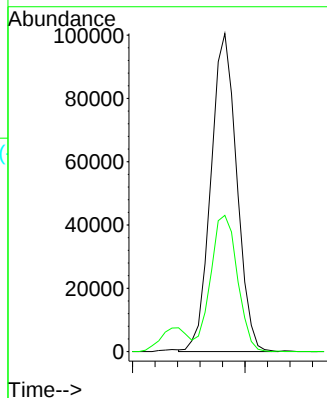
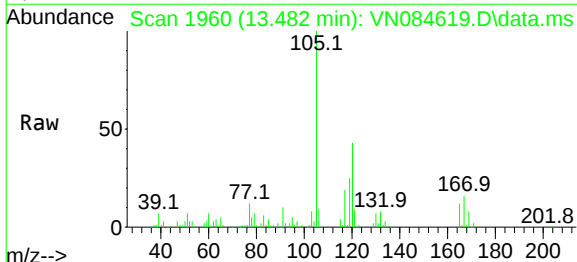
Manual Integrations
APPROVED

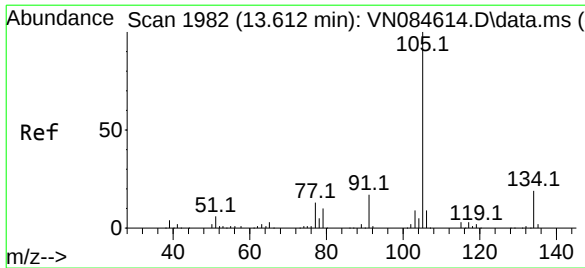
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#80
1,2,4-Trimethylbenzene
Concen: 19.863 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

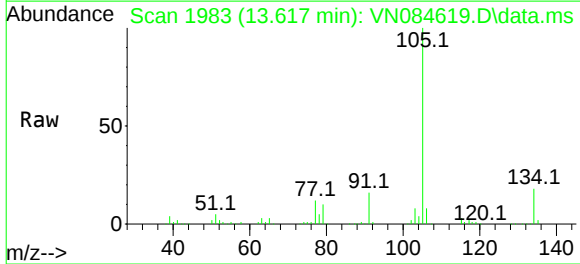
Tgt Ion:105 Resp: 160493
Ion Ratio Lower Upper
105 100
120 44.4 0.0 90.4





#81
sec-Butylbenzene
Concen: 19.704 ug/l
RT: 13.617 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

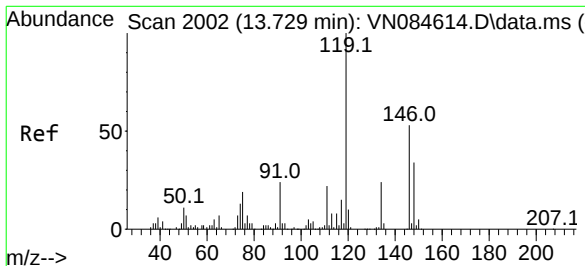
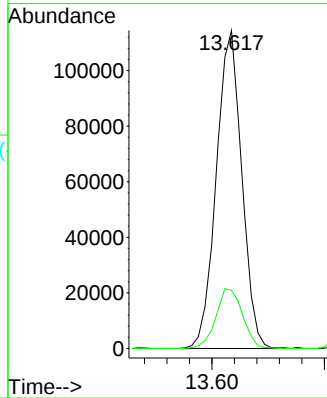
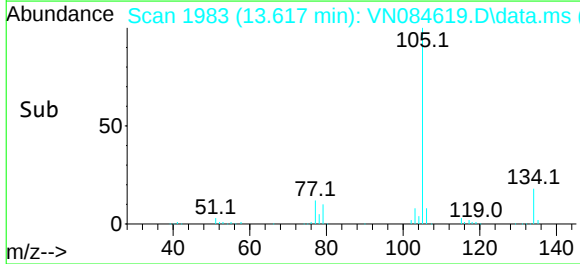
Instrument :
MSVOA_N
ClientSampleId :
ICVVN103124



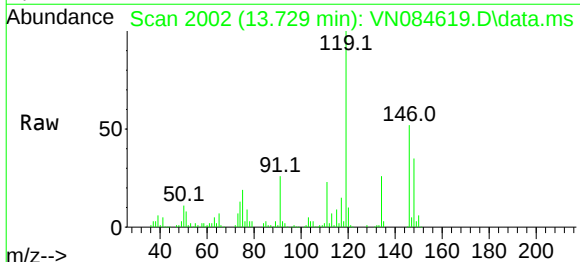
Tgt Ion:105 Resp: 179829
Ion Ratio Lower Upper
105 100
134 19.6 0.0 39.0

Manual Integrations
APPROVED

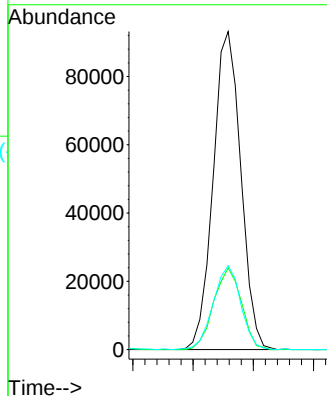
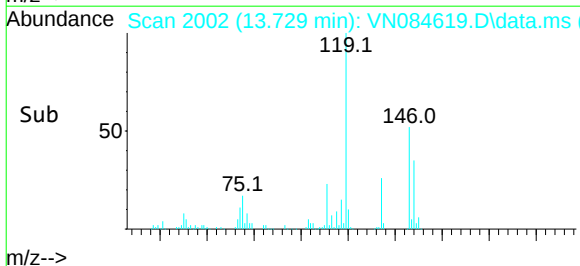
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024

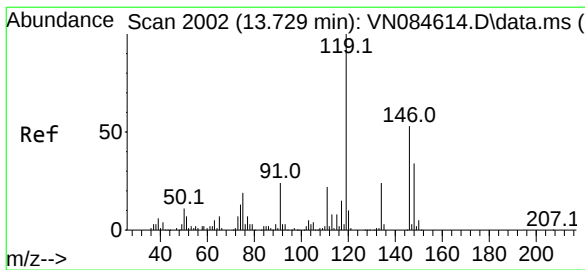


#82
p-Isopropyltoluene
Concen: 19.381 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42



Tgt Ion:119 Resp: 148622
Ion Ratio Lower Upper
119 100
134 25.7 0.0 51.4
91 26.3 0.0 50.4





#83

1,3-Dichlorobenzene

Concen: 19.330 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

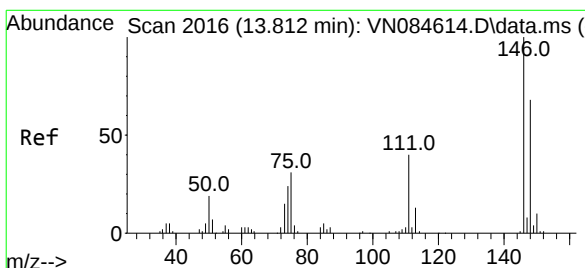
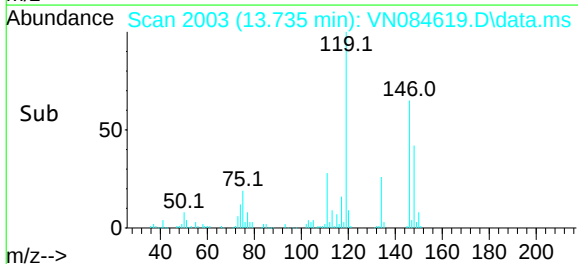
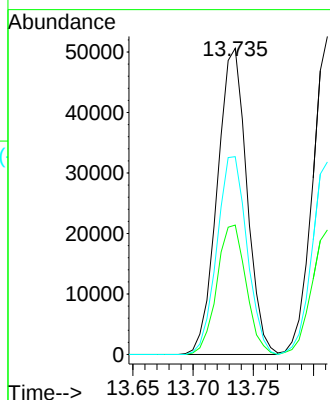
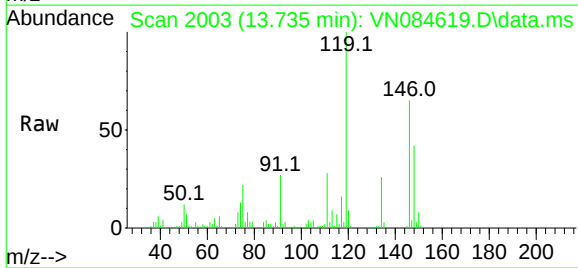
ICVVN103124

Tgt Ion:	146	Resp:	86431
Ion Ratio	Lower	Upper	
146	100		
111	41.7	21.0	63.0
148	65.6	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: 19.724 ug/l

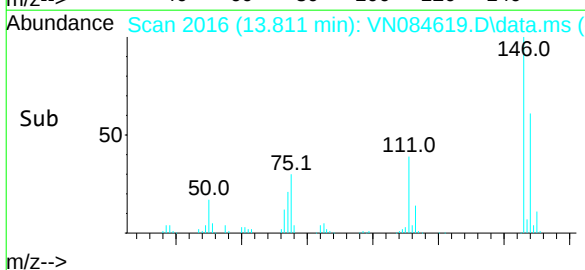
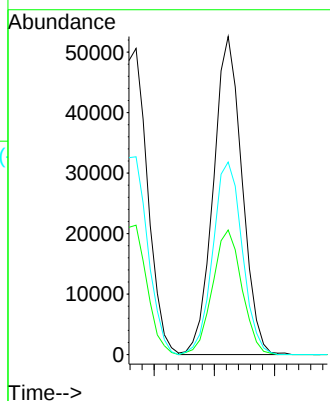
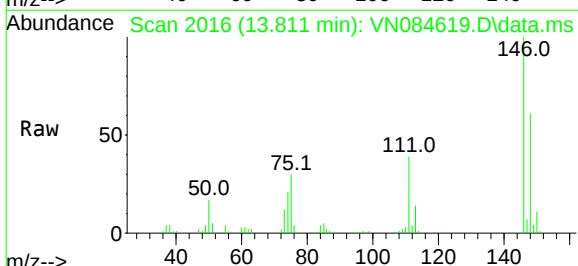
RT: 13.811 min Scan# 2016

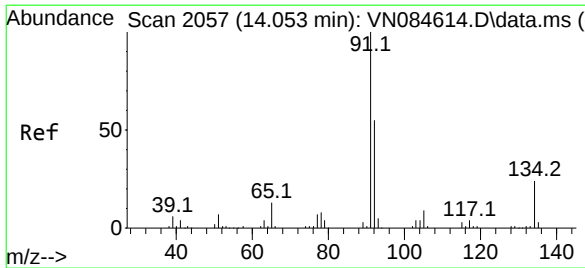
Delta R.T. -0.000 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Tgt Ion:	146	Resp:	87143
Ion Ratio	Lower	Upper	
146	100		
111	40.0	20.2	60.5
148	61.9	32.6	98.0





#85
n-Butylbenzene
Concen: 19.377 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Instrument :

MSVOA_N

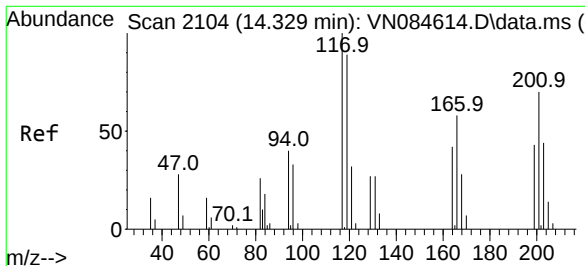
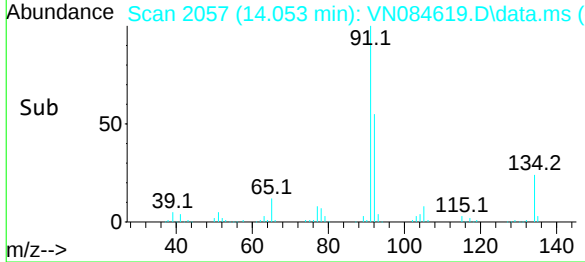
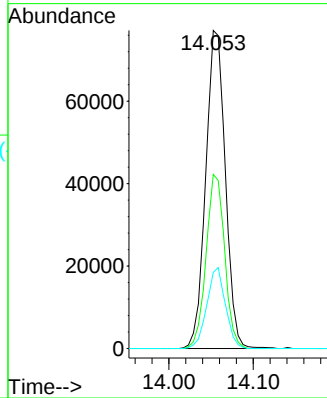
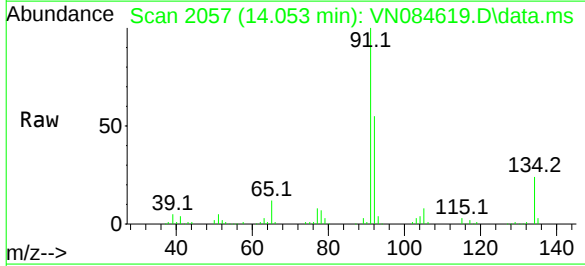
ClientSampleId :

ICVVN103124

Tgt Ion: 91 Resp: 124802
Ion Ratio Lower Upper
91 100
92 51.6 0.0 106.2
134 24.1 0.0 48.2

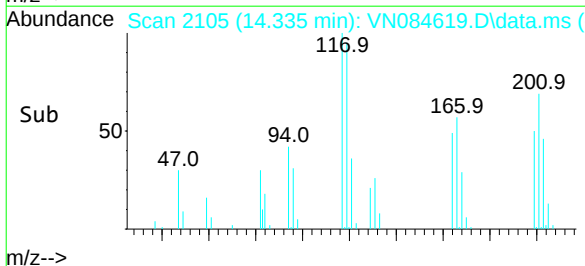
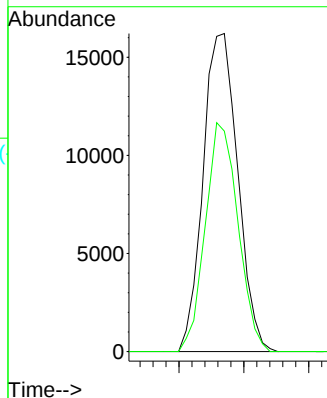
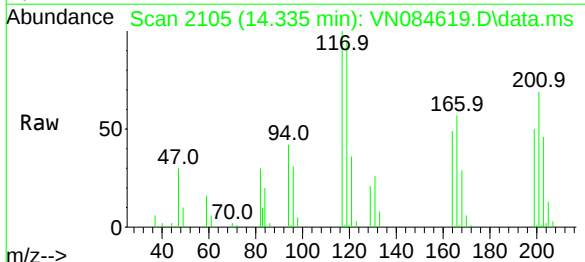
Manual Integrations
APPROVED

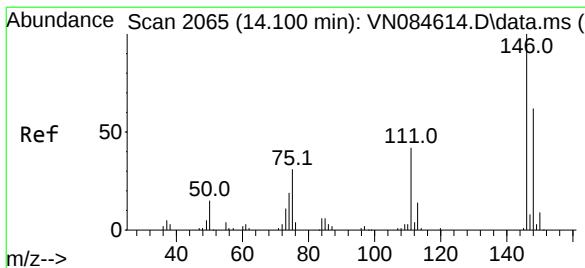
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#86
Hexachloroethane
Concen: 19.206 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

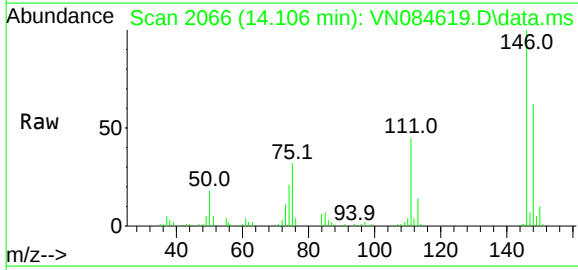
Tgt Ion:117 Resp: 30122
Ion Ratio Lower Upper
117 100
201 67.8 34.4 103.3





#87
1,2-Dichlorobenzene
Concen: 19.650 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

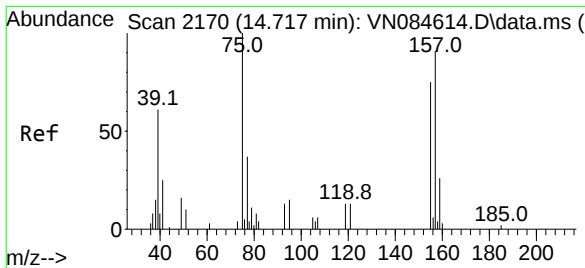
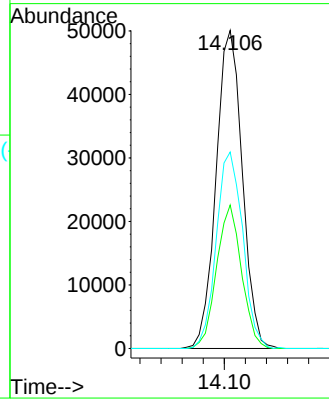
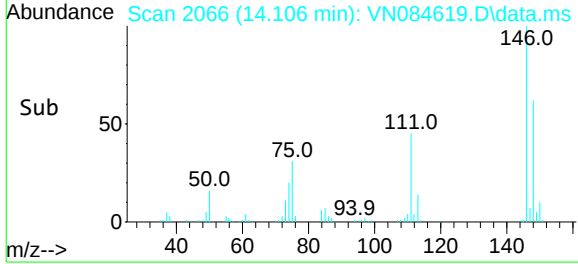
Instrument :
MSVOA_N
ClientSampleId :
ICVVN103124



Tgt Ion:146 Resp: 86578
Ion Ratio Lower Upper
146 100
111 43.0 22.4 67.0
148 62.2 32.6 98.0

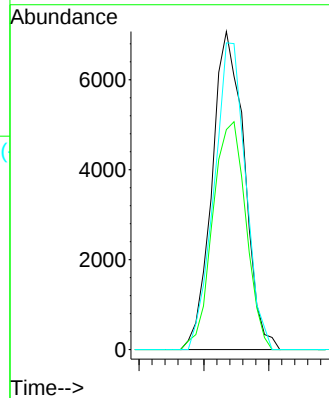
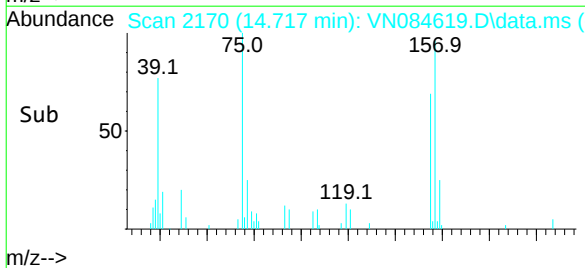
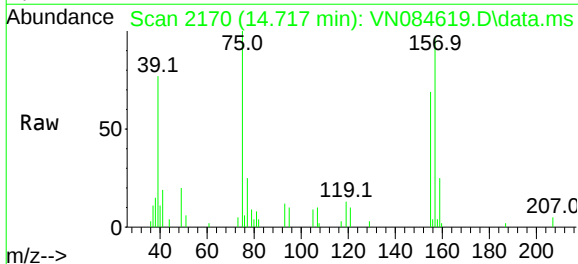
Manual Integrations
APPROVED

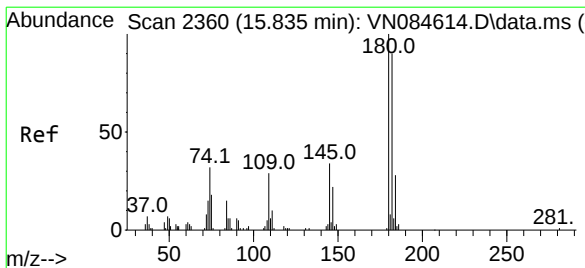
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.926 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Tgt Ion: 75 Resp: 12268
Ion Ratio Lower Upper
75 100
155 73.5 61.8 92.6
157 93.6 74.7 112.1





#89

1,2,4-Trichlorobenzene

Concen: 20.187 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

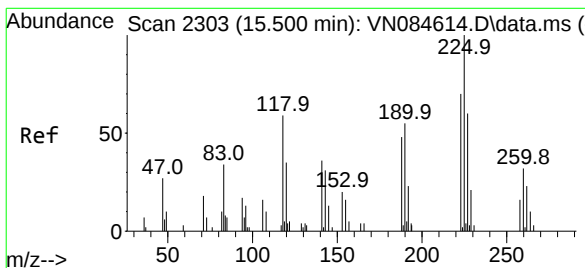
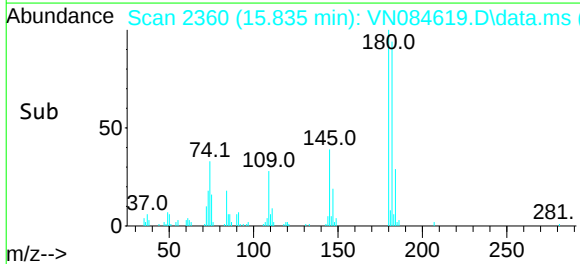
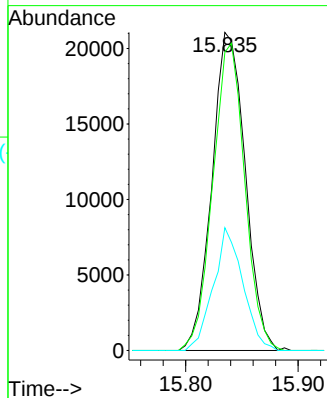
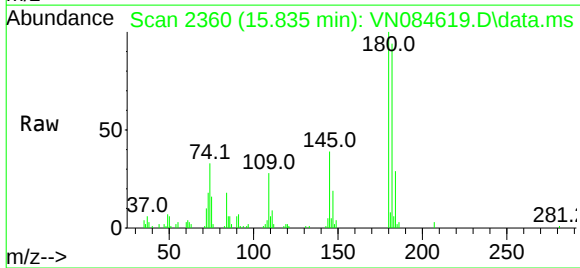
ICVVN103124

Tgt Ion:	180	Resp:	43307
Ion Ratio	Lower	Upper	
180	100		
182	92.8	73.0	109.6
145	34.3	26.5	39.7

Manual Integrations

APPROVED

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



#90

Hexachlorobutadiene

Concen: 20.428 ug/l

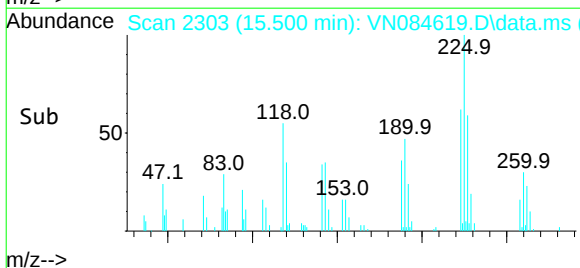
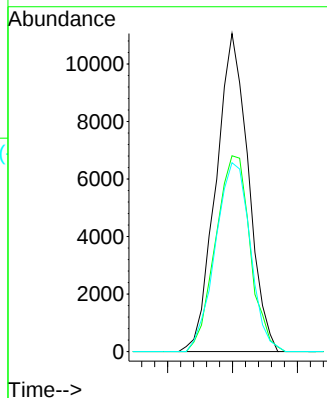
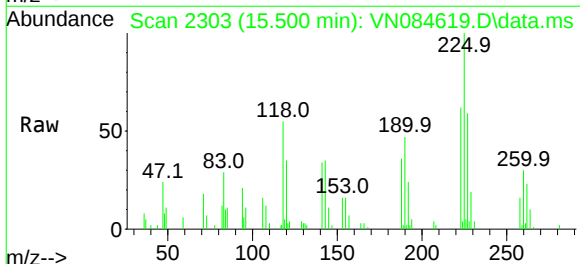
RT: 15.500 min Scan# 2303

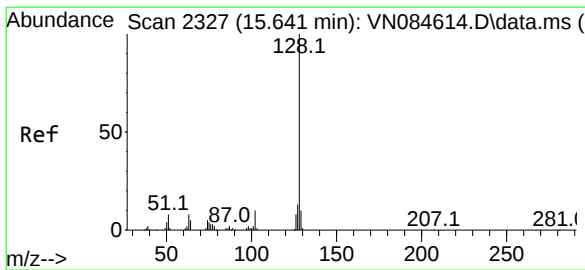
Delta R.T. -0.000 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

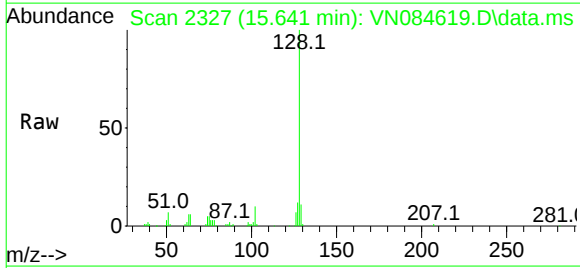
Tgt Ion:	225	Resp:	19143
Ion Ratio	Lower	Upper	
225	100		
223	65.8	0.0	138.8
227	63.9	0.0	123.2





#91
Naphthalene
Concen: 19.356 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

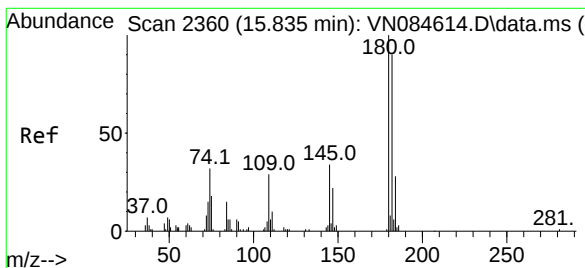
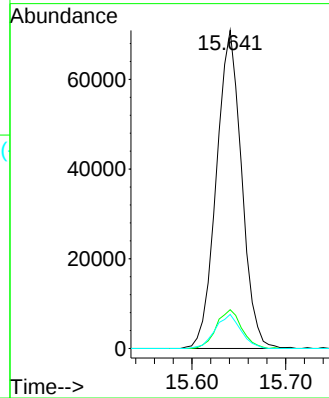
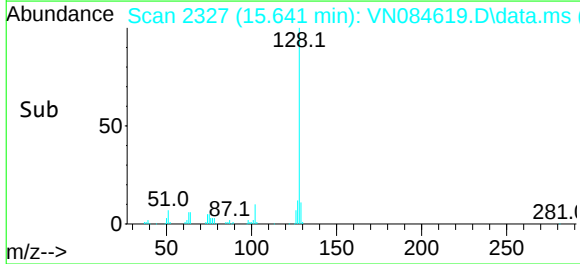
Instrument :
MSVOA_N
ClientSampleId :
ICVVN103124



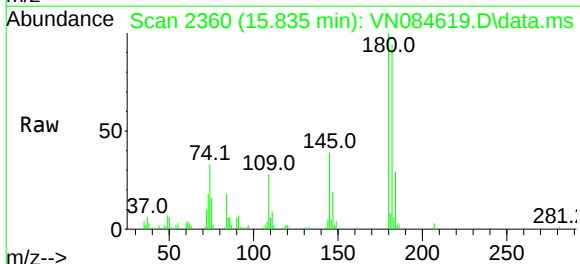
Tgt Ion:128 Resp: 132615
Ion Ratio Lower Upper
128 100
127 12.2 10.3 15.5
129 10.9 8.6 12.8

Manual Integrations APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 20.187 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42



Tgt Ion:180 Resp: 43307
Ion Ratio Lower Upper
180 100
182 92.8 0.0 182.6
145 34.3 0.0 66.2

