

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120624\
 Data File : VN085117.D
 Acq On : 06 Dec 2024 10:02
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/09/2024
 Supervised By :Semsettin Yesilyurt 12/09/2024

Quant Time: Dec 06 22:28:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N120624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 06 22:19:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	29169	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	144230	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	136167	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	71806	31.025	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.400%			
60) 4-Bromofluorobenzene	12.847	95	65235	28.954	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.500%			
63) Toluene-d8	10.565	98	199139	31.177	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.933%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	10073	4.316	ug/l	100
3) Chloromethane	2.359	50	10004	4.843	ug/l	96
4) Vinyl Chloride	2.518	62	10554	4.995	ug/l #	88
5) Bromomethane	2.953	94	7670	5.718	ug/l	97
6) Chloroethane	3.124	64	6472	4.986	ug/l #	87
7) Trichlorofluoromethane	3.500	101	16991	4.913	ug/l	98
8) Diethyl Ether	3.965	74	4729	4.317	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	9605m	4.967	ug/l	
10) 1,1-Dichloroethene	4.342	96	8113	4.567	ug/l	92
11) Methyl Iodide	4.594	142	10293m	4.178	ug/l	
12) Methyl Acetate	5.030	43	9920	4.734	ug/l	99
13) Acrolein	4.189	56	7501	24.630	ug/l	87
14) Acrylonitrile	5.706	53	19671m	22.606	ug/l	
15) Acetone	4.418	58	5274	22.365	ug/l	85
16) Carbon Disulfide	4.706	76	26140	4.923	ug/l	96
17) Allyl chloride	5.024	41	11376	4.476	ug/l	89
18) Methylene Chloride	5.271	84	10687	5.302	ug/l #	83
19) trans-1,2-Dichloroethene	5.789	96	9118	4.938	ug/l #	79
20) Diisopropyl ether	6.659	45	25012m	4.484	ug/l	
21) 1,1-Dichloroethane	6.571	63	17605	5.113	ug/l	95
22) cis-1,2-Dichloroethene	7.488	96	9776	4.606	ug/l	96
23) tert-Butyl Alcohol	5.518	59	6813m	21.825	ug/l	
24) Methyl tert-Butyl Ether	5.794	73	23064	4.159	ug/l #	73
25) Chloroform	7.959	83	18374	5.094	ug/l	96
26) Cyclohexane	8.253	56	11013	3.885	ug/l #	89
29) 1,1-Dichloropropene	8.371	75	11010	4.731	ug/l	97
30) 2-Butanone	7.477	43	24858	23.275	ug/l #	97
31) 2,2-Dichloropropane	7.488	77	14990	5.023	ug/l #	100
32) 1,1,1-Trichloroethane	8.171	97	16430	5.216	ug/l	96
33) Carbon Tetrachloride	8.359	117	14874	5.233	ug/l #	95
34) Benzene	8.606	78	38013	5.199	ug/l #	92
35) Methacrylonitrile	7.777	41	5355	4.455	ug/l	89
36) 1,2-Dichloroethane	8.671	62	13568	5.451	ug/l #	93
37) Trichloroethene	9.347	130	8822	5.067	ug/l	92
38) Methylcyclohexane	9.600	83	10891	4.304	ug/l	98
39) 1,2-Dichloropropane	9.624	63	9337	5.273	ug/l	100
40) Dibromomethane	9.706	93	6598	5.194	ug/l	95
41) Bromodichloromethane	9.882	83	14332	5.278	ug/l #	84
42) Vinyl Acetate	6.600	43	76634	20.505	ug/l #	85

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 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Manual Integrations**APPROVED**

Reviewed By :Mahesh Dadoda 12/09/2024

Supervised By :Semsettin Yesilyurt 12/09/2024

Quant Time: Dec 06 22:28:05 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N120624W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Fri Dec 06 22:19:40 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	10470	4.927	ug/l #	86
44) Isopropyl Acetate	8.682	43	17789	4.817	ug/l	98
45) 1,4-Dioxane	9.688	88	2638	85.662	ug/l #	78
46) Methyl methacrylate	9.682	41	7196	4.258	ug/l	92
47) n-amyl Acetate	12.494	43	12494	4.021	ug/l	97
48) t-1,3-Dichloropropene	10.835	75	12463	4.675	ug/l	93
49) cis-1,3-Dichloropropene	10.306	75	13955	4.809	ug/l	99
50) 1,1,2-Trichloroethane	11.018	97	9292	5.429	ug/l	91
51) Ethyl methacrylate	10.871	69	10590	4.068	ug/l	88
52) 1,3-Dichloropropane	11.159	76	14378	5.019	ug/l	98
53) Dibromochloromethane	11.353	129	10942	5.246	ug/l	98
54) 1,2-Dibromoethane	11.471	107	8602	4.988	ug/l	97
55) 2-Chloroethyl vinyl ether	10.159	63	23999	19.844	ug/l	98
56) Bromoform	12.576	173	7066	5.052	ug/l	95
58) 4-Methyl-2-Pentanone	10.441	43	48868	21.990	ug/l	99
59) 2-Hexanone	11.194	43	35678	21.188	ug/l	97
61) Tetrachloroethene	11.100	164	9241	5.604	ug/l	93
62) Toluene	10.629	91	40385	5.085	ug/l	96
64) Chlorobenzene	11.888	112	24379	4.972	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.959	131	9796	5.352	ug/l	93
66) Ethyl Benzene	11.959	91	36907	4.380	ug/l	98
67) m/p-Xylenes	12.070	106	27271	8.414	ug/l	98
68) o-Xylene	12.394	106	12741	4.186	ug/l	97
69) Styrene	12.412	104	20235	3.918	ug/l	95
70) Isopropylbenzene	12.694	105	31980	4.073	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	12502	5.232	ug/l	97
72) 1,2,3-Trichloropropane	12.988	75	13212m	5.597	ug/l	
73) Bromobenzene	12.976	156	9325	4.742	ug/l	94
74) n-propylbenzene	13.035	91	39585	4.194	ug/l	100
75) 2-Chlorotoluene	13.123	91	25942	4.445	ug/l	98
76) 1,3,5-Trimethylbenzene	13.170	105	28160	4.187	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	3618	4.218	ug/l	96
78) 4-Chlorotoluene	13.217	91	27508	4.644	ug/l	99
79) tert-butylbenzene	13.435	119	22204	4.019	ug/l	95
80) 1,2,4-Trimethylbenzene	13.482	105	26128	3.933	ug/l	100
81) sec-Butylbenzene	13.617	105	32252	4.109	ug/l	99
82) p-Isopropyltoluene	13.729	119	24743	3.803	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	17680	4.900	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	16455	4.680	ug/l	98
85) n-Butylbenzene	14.053	91	20500	3.756	ug/l	97
86) Hexachloroethane	14.335	117	6189	4.778	ug/l	84
87) 1,2-Dichlorobenzene	14.106	146	16856	4.950	ug/l	94
88) 1,2-Dibromo-3-Chloropr...	14.711	75	2146	4.495	ug/l	93
89) 1,2,4-Trichlorobenzene	15.835	180	6347	3.806	ug/l	91
90) Hexachlorobutadiene	15.494	225	4673	5.392	ug/l	93
91) Naphthalene	15.635	128	15972	3.083	ug/l #	95
92) 1,2,3-Trichlorobenzene	15.835	180	6347	3.806	ug/l	91

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

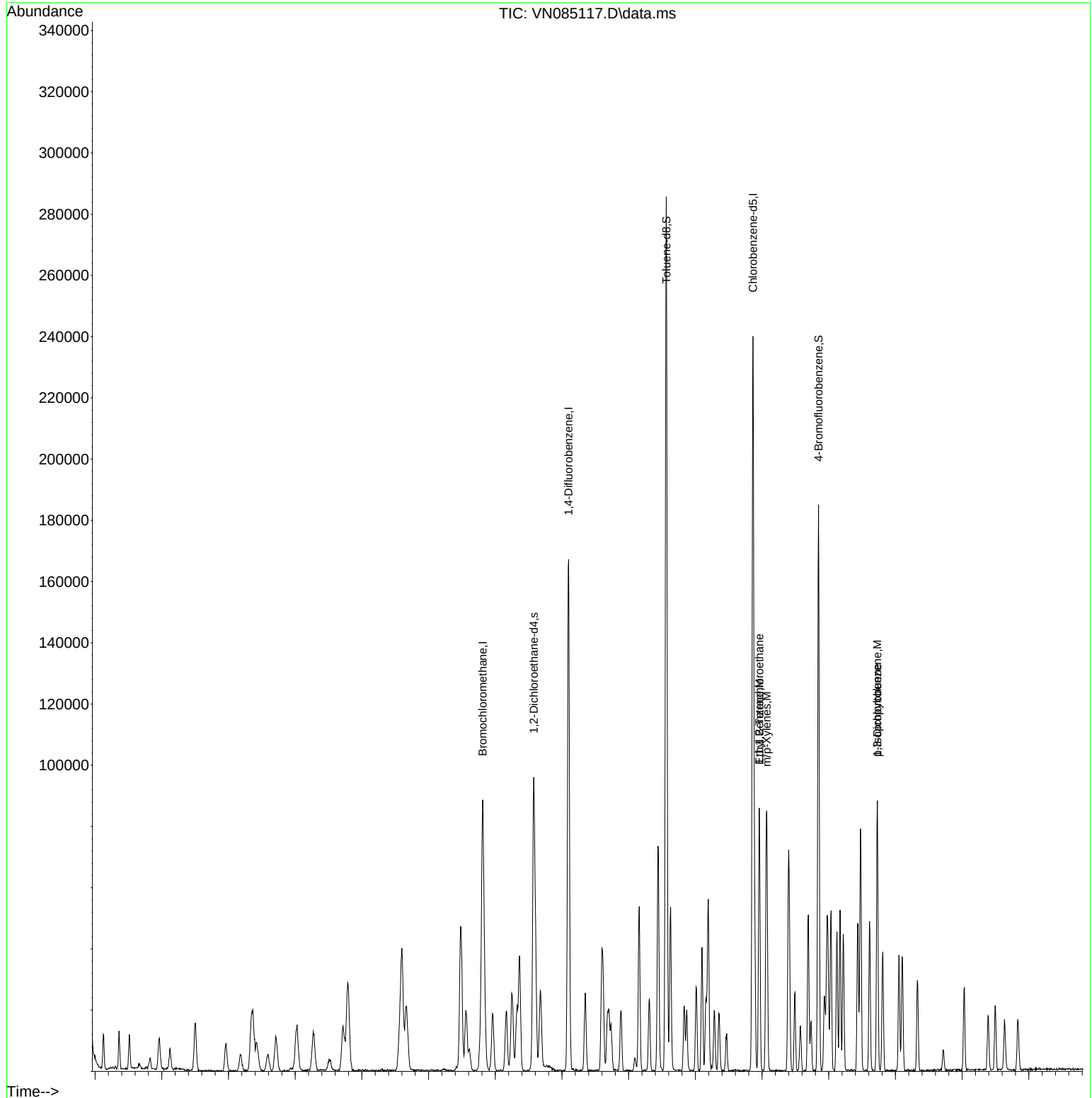
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120624\
Data File : VN085117.D
Acq On : 06 Dec 2024 10:02
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

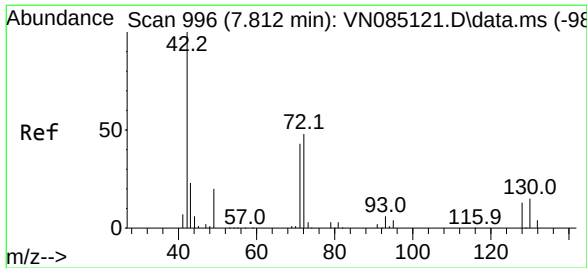
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MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 06 22:19:40 2024
Response via : Initial Calibration





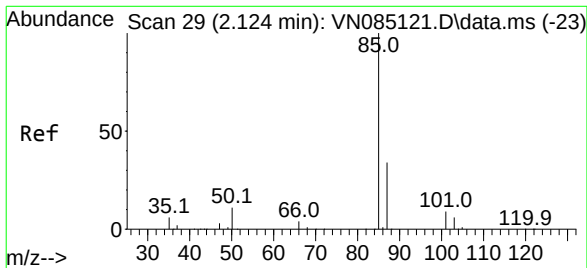
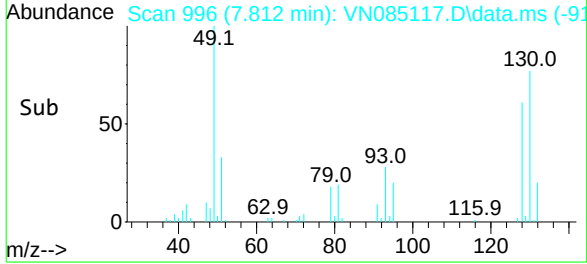
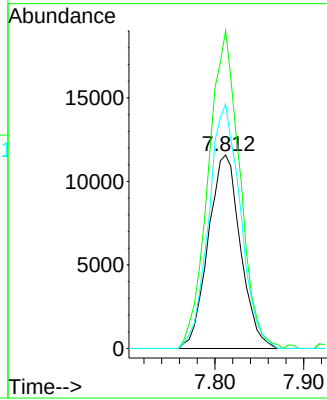
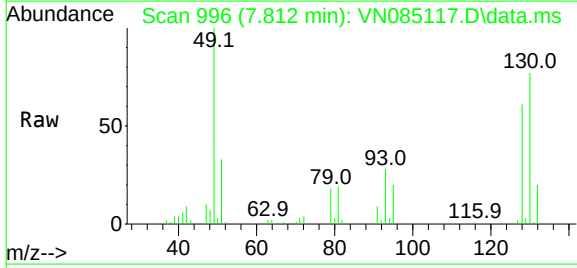
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 128 Resp: 29169
Ion Ratio Lower Upper
128 100
49 160.4 0.0 394.5
130 124.3 0.0 316.5

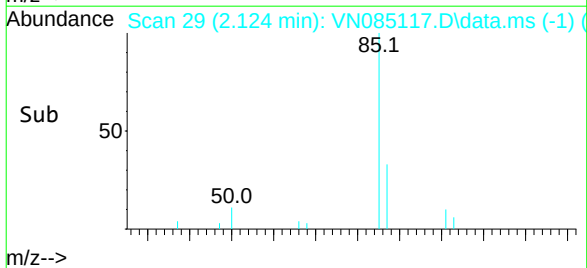
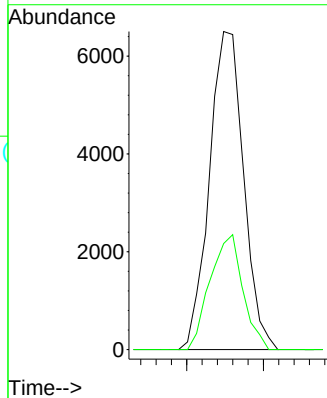
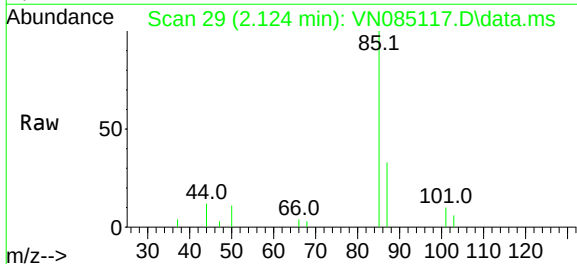
Manual Integrations
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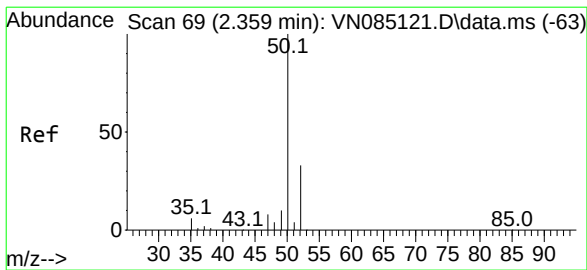
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#2
Dichlorodifluoromethane
Concen: 4.316 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

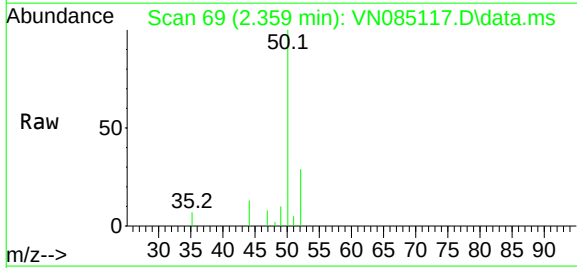
Tgt Ion: 85 Resp: 10073
Ion Ratio Lower Upper
85 100
87 33.3 16.8 50.3





#3
Chloromethane
Concen: 4.843 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

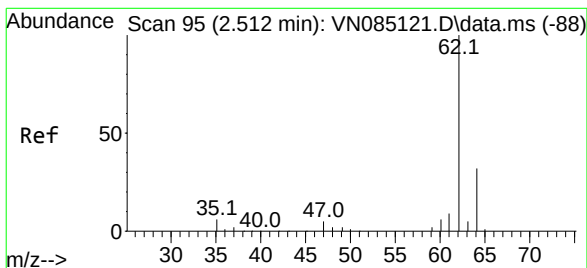
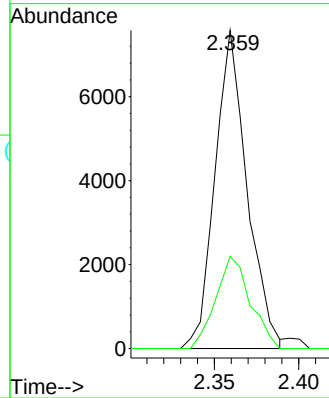
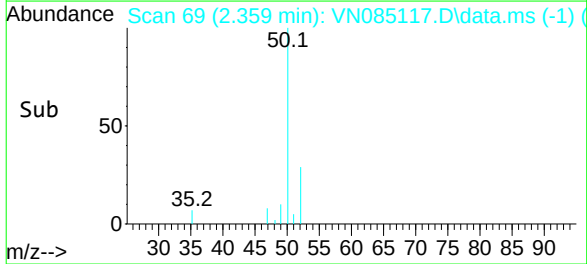
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 50 Resp: 10004
Ion Ratio Lower Upper
50 100
52 29.0 25.0 37.4

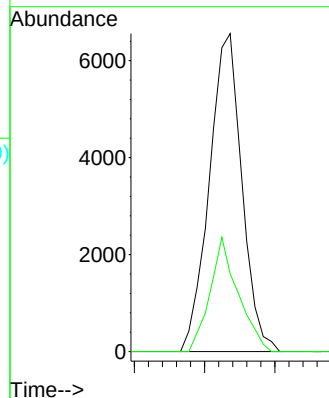
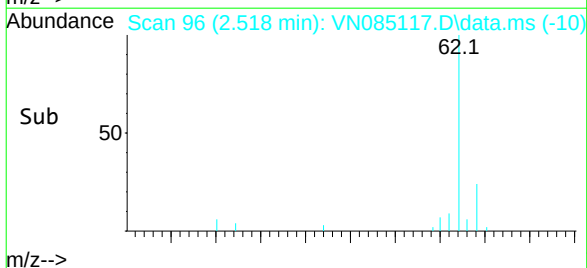
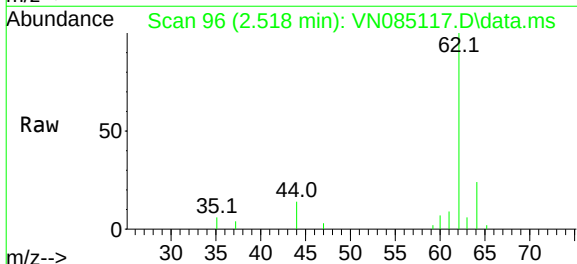
Manual Integrations
APPROVED

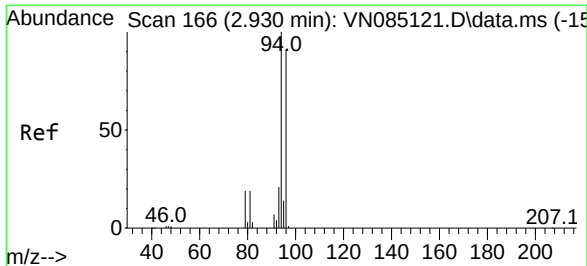
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#4
Vinyl Chloride
Concen: 4.995 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

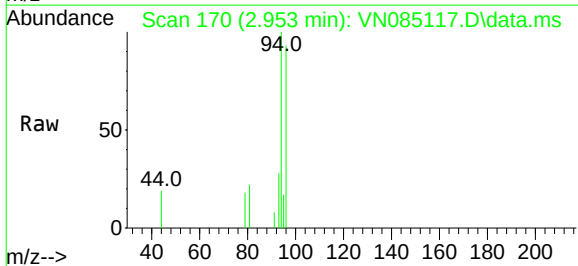
Tgt Ion: 62 Resp: 10554
Ion Ratio Lower Upper
62 100
64 24.5 24.9 37.3#





#5
Bromomethane
Concen: 5.718 ug/l
RT: 2.953 min Scan# 171
Delta R.T. -0.012 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

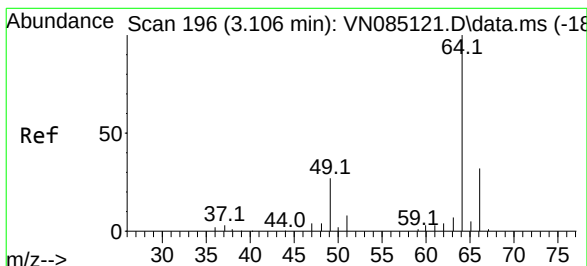
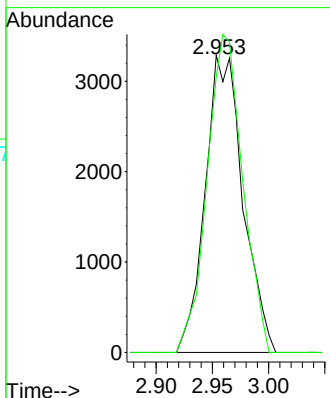
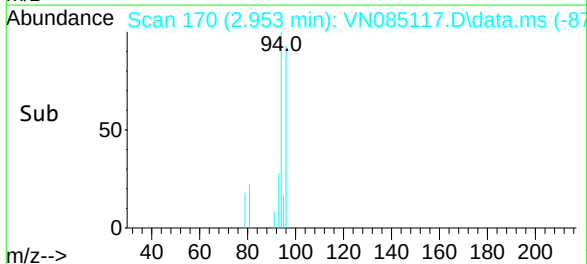
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 94 Resp: 7670
Ion Ratio Lower Upper
94 100
96 92.8 76.2 114.4

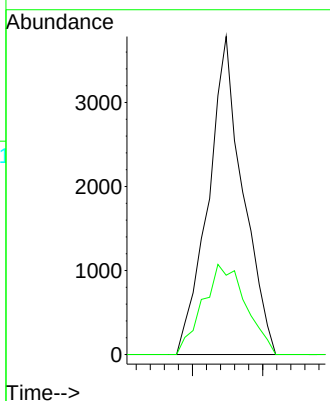
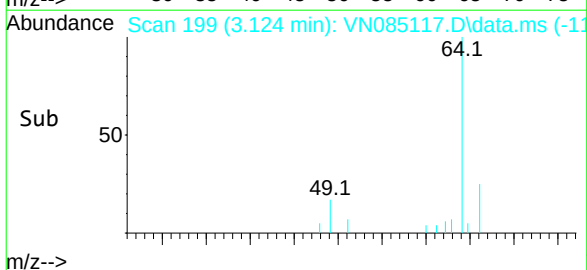
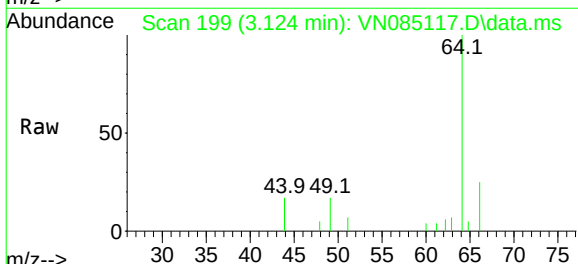
Manual Integrations
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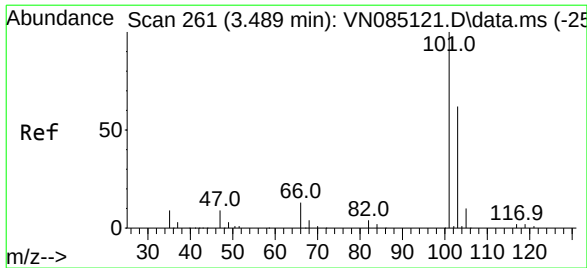
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#6
Chloroethane
Concen: 4.986 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

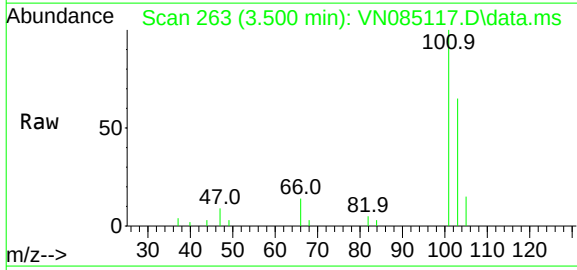
Tgt Ion: 64 Resp: 6472
Ion Ratio Lower Upper
64 100
66 24.9 25.5 38.3#





#7
Trichlorofluoromethane
Concen: 4.913 ug/l
RT: 3.500 min Scan# 261
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

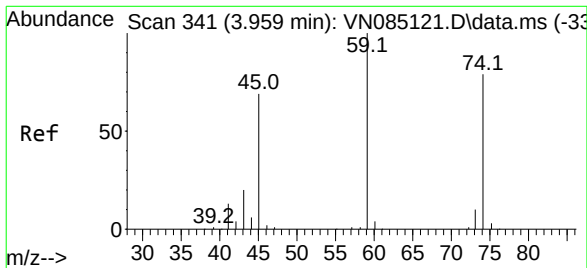
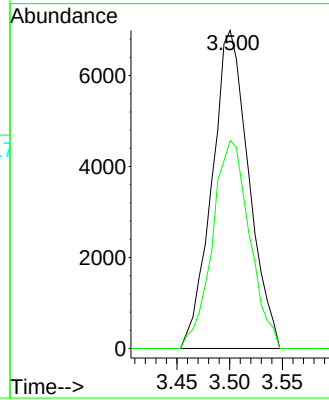
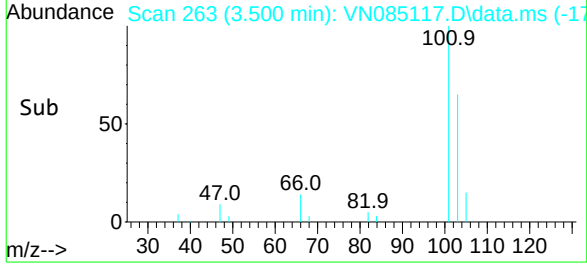
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 101 Resp: 16991
Ion Ratio Lower Upper
101 100
103 65.4 51.3 76.9

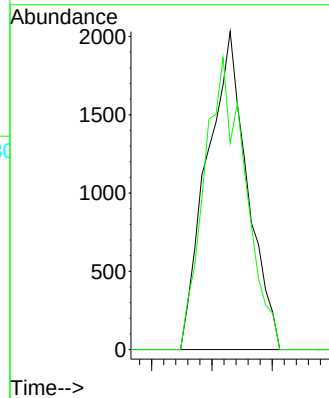
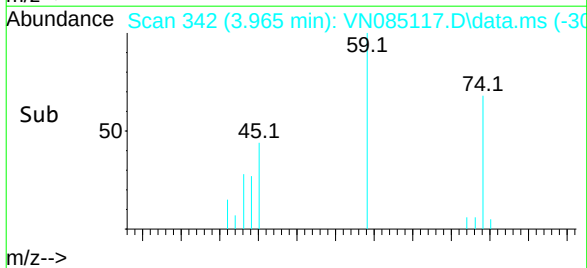
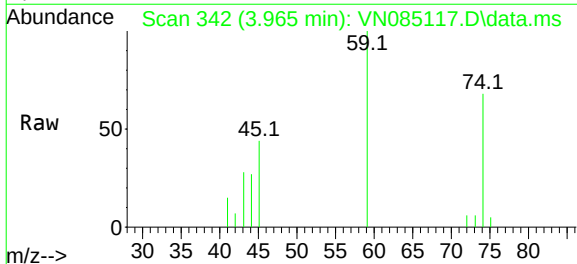
Manual Integrations
APPROVED

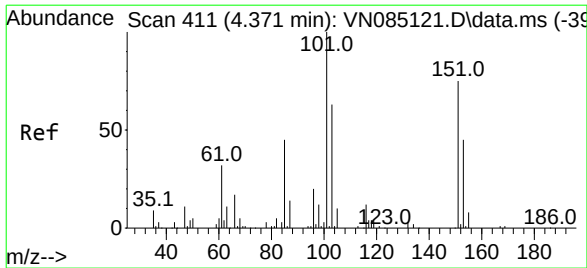
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#8
Diethyl Ether
Concen: 4.317 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

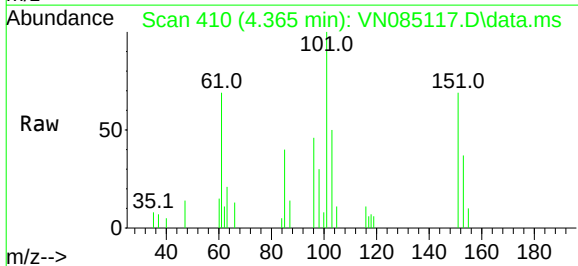
Tgt Ion: 74 Resp: 4729
Ion Ratio Lower Upper
74 100
45 92.9 18.6 167.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.967 ug/l m
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

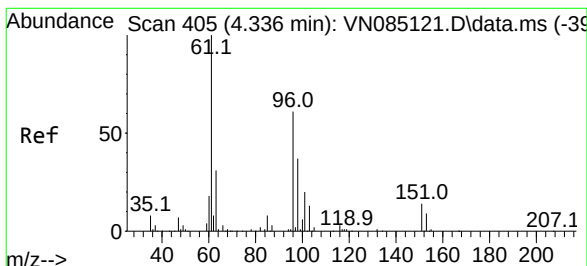
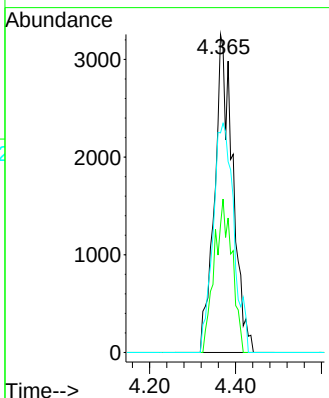
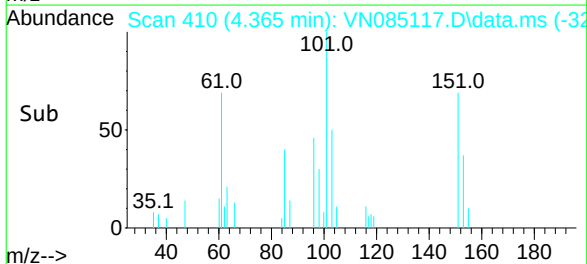
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 101 Resp: 9605
Ion Ratio Lower Upper
101 100
85 31.7 0.0 88.6
151 78.6 0.0 155.8

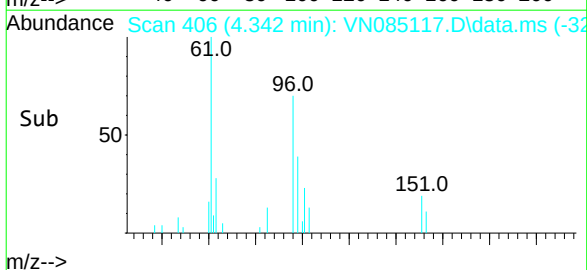
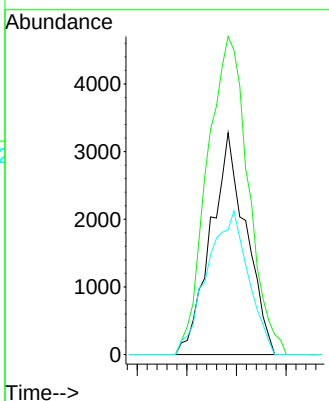
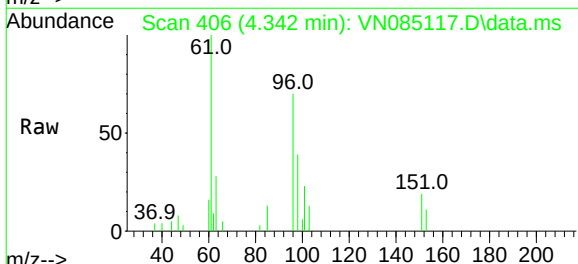
Manual Integrations
APPROVED

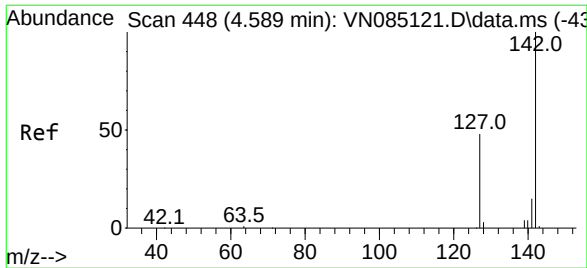
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#10
1,1-Dichloroethene
Concen: 4.567 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

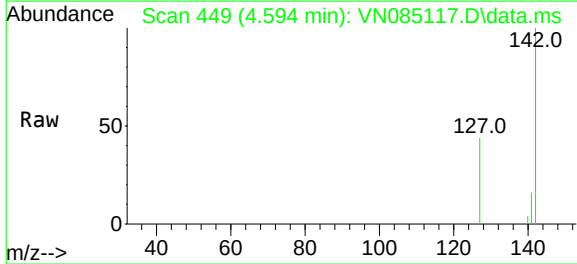
Tgt Ion: 96 Resp: 8113
Ion Ratio Lower Upper
96 100
61 143.4 123.0 184.4
98 56.2 49.1 73.7





#11
Methyl Iodide
Concen: 4.178 ug/l m
RT: 4.594 min Scan# 44
Delta R.T. 0.006 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

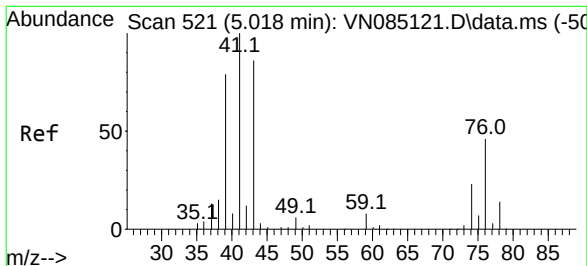
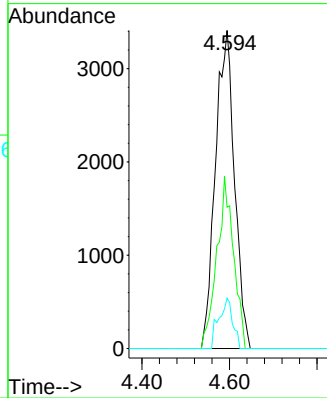
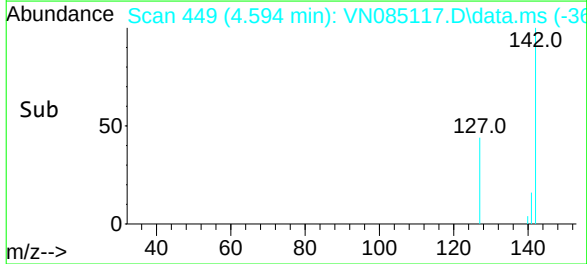
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 142 Resp: 10293
Ion Ratio Lower Upper
142 100
127 44.4 22.5 67.5
141 15.8 8.3 24.9

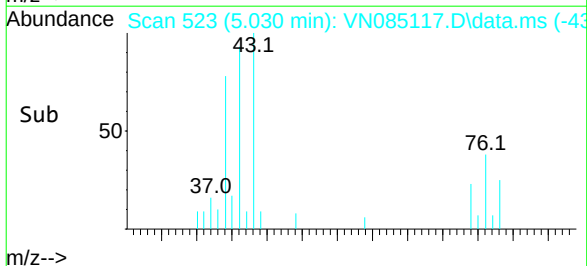
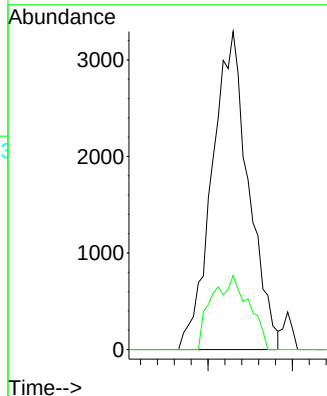
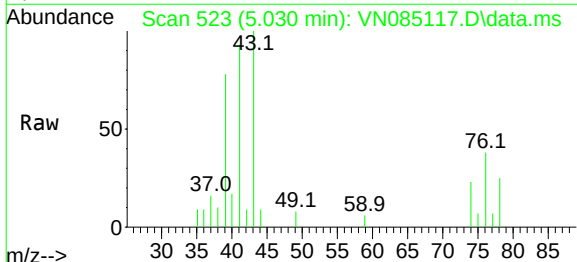
Manual Integrations
APPROVED

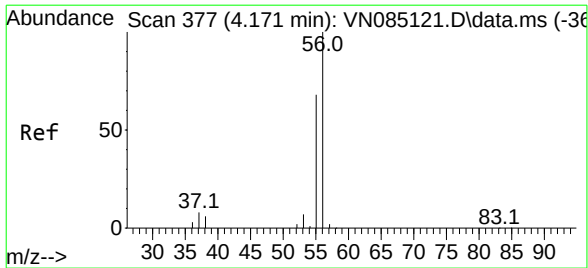
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#12
Methyl Acetate
Concen: 4.734 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion: 43 Resp: 9920
Ion Ratio Lower Upper
43 100
74 24.0 19.8 29.6





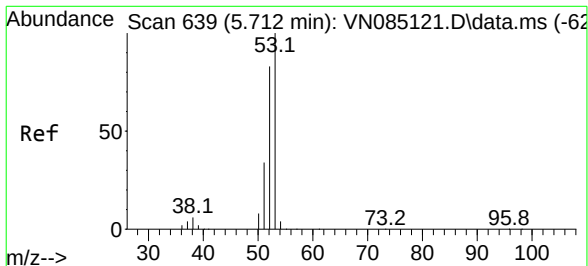
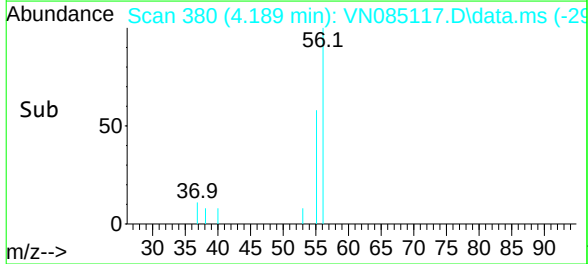
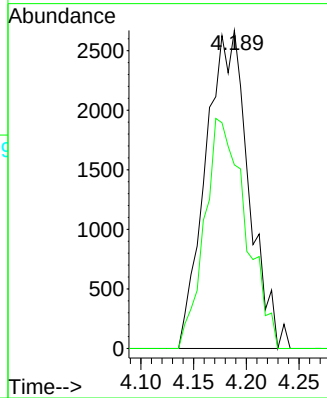
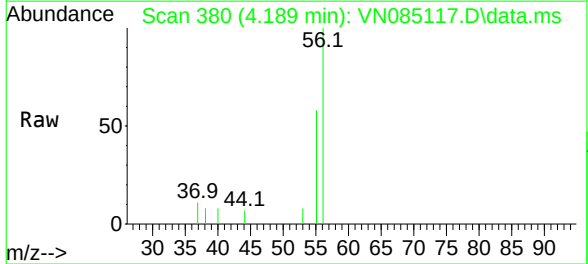
#13
Acrolein
Concen: 24.630 ug/l
RT: 4.189 min Scan# 38
Delta R.T. 0.006 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 7501
Ion Ratio Lower Upper
56 100
55 63.5 59.4 89.0

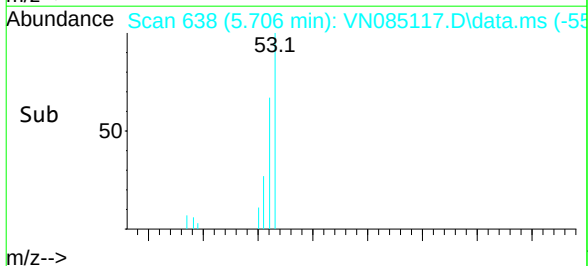
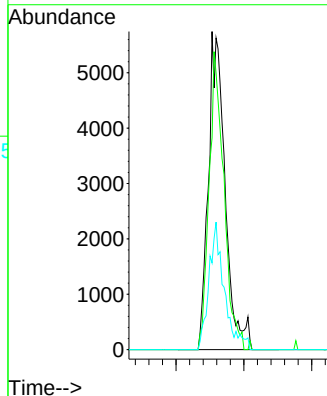
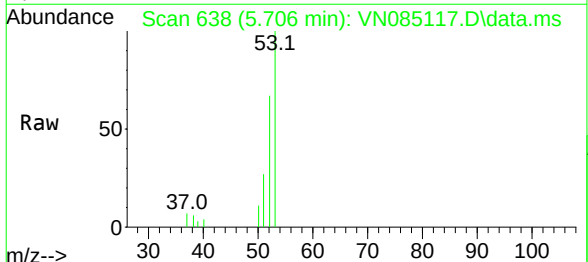
Manual Integrations
APPROVED

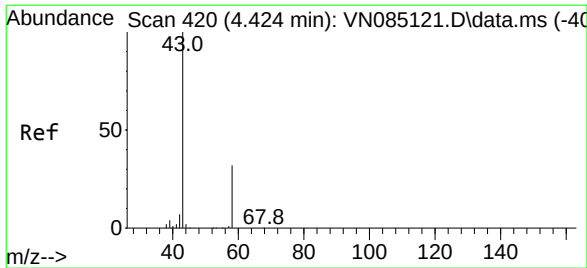
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#14
Acrylonitrile
Concen: 22.606 ug/l m
RT: 5.706 min Scan# 638
Delta R.T. -0.012 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion: 53 Resp: 19671
Ion Ratio Lower Upper
53 100
52 82.5 42.9 128.5
51 33.7 17.2 51.5





#15

Acetone

Concen: 22.365 ug/l

RT: 4.418 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN085117.D

Acq: 06 Dec 2024 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 58 Resp: 5274

Ion Ratio Lower Upper

58 100

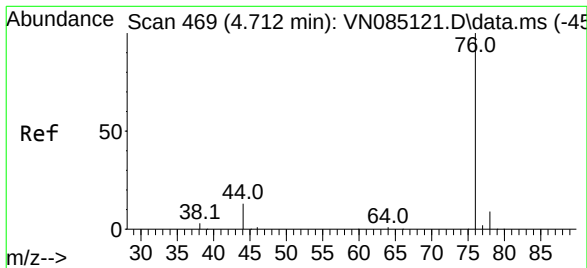
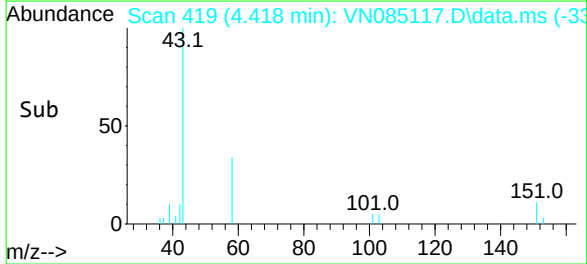
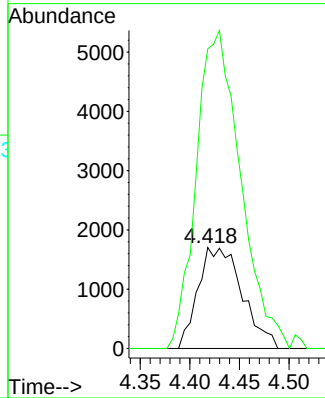
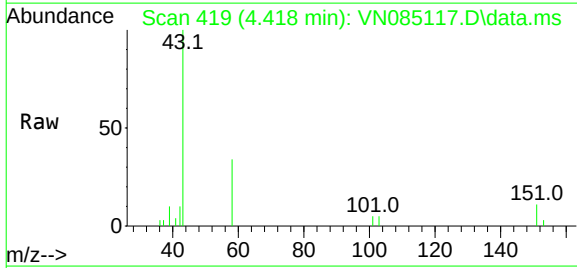
43 274.0 242.3 363.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/09/2024

Supervised By :Semsettin Yesilyurt 12/09/2024



#16

Carbon Disulfide

Concen: 4.923 ug/l

RT: 4.706 min Scan# 468

Delta R.T. -0.006 min

Lab File: VN085117.D

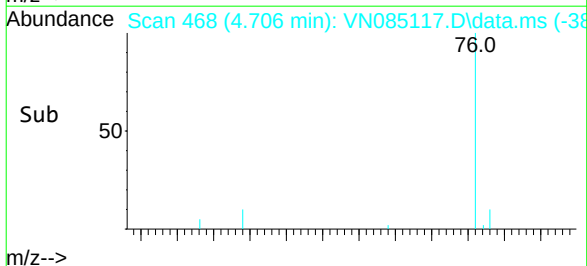
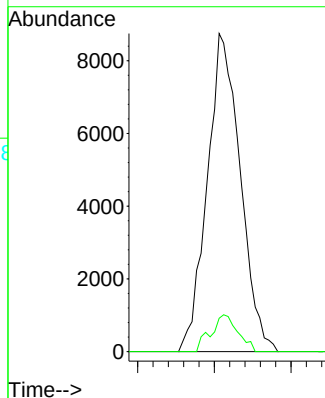
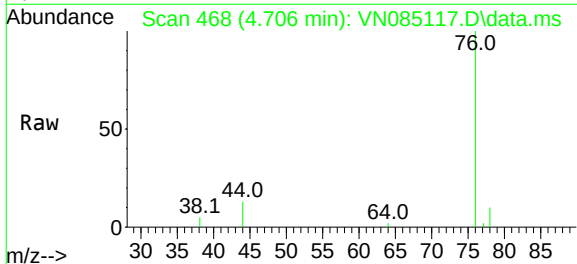
Acq: 06 Dec 2024 10:02

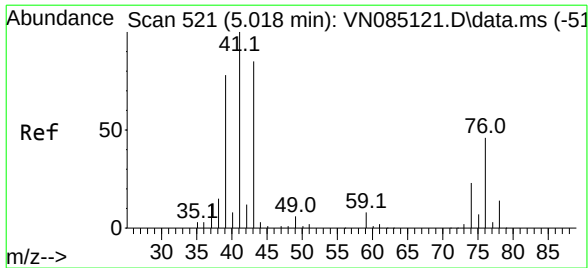
Tgt Ion: 76 Resp: 26140

Ion Ratio Lower Upper

76 100

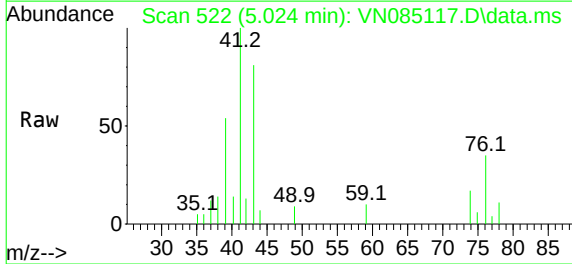
78 10.5 7.1 10.7





#17
 Allyl chloride
 Concen: 4.476 ug/l
 RT: 5.024 min Scan# 521
 Delta R.T. 0.000 min
 Lab File: VN085117.D
 Acq: 06 Dec 2024 10:02

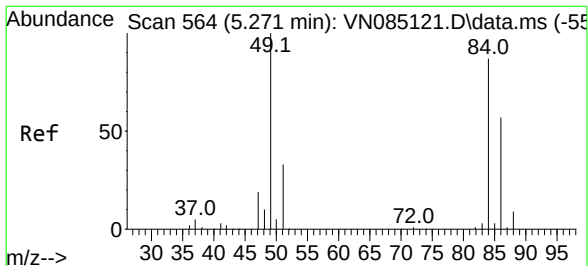
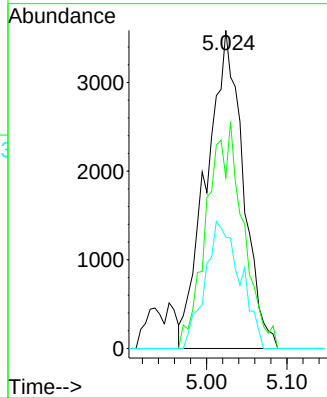
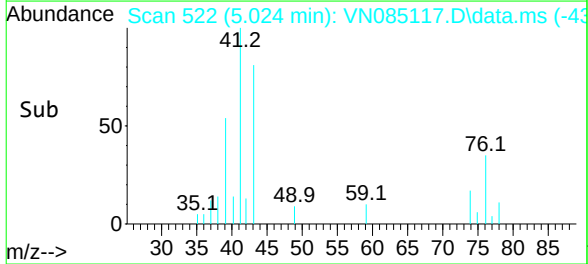
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005



Tgt Ion: 41 Resp: 11376
 Ion Ratio Lower Upper
 41 100
 39 53.7 32.0 96.2
 76 35.0 20.2 60.5

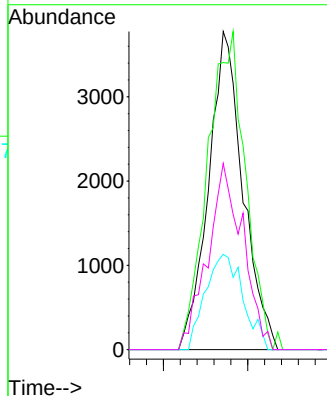
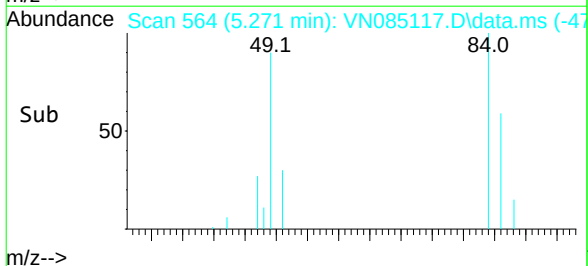
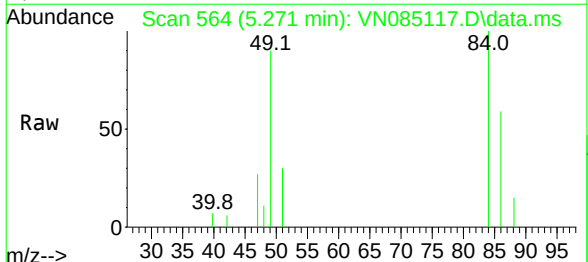
Manual Integrations
 APPROVED

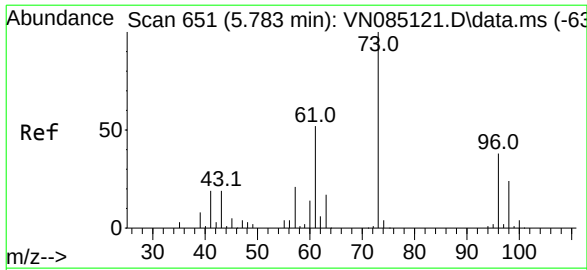
Reviewed By :Mahesh Dadoda 12/09/2024
 Supervised By :Semsettin Yesilyurt 12/09/2024



#18
 Methylene Chloride
 Concen: 5.302 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. 0.000 min
 Lab File: VN085117.D
 Acq: 06 Dec 2024 10:02

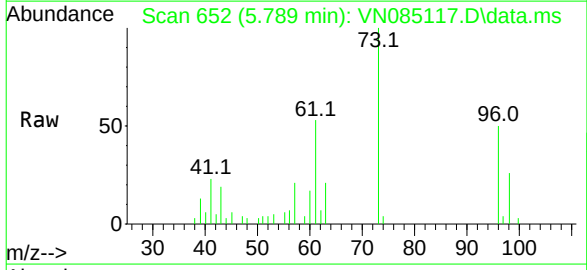
Tgt Ion: 84 Resp: 10687
 Ion Ratio Lower Upper
 84 100
 49 90.3 95.1 142.7#
 51 30.0 27.4 41.0
 86 58.5 50.9 76.3





#19
trans-1,2-Dichloroethene
Concen: 4.938 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

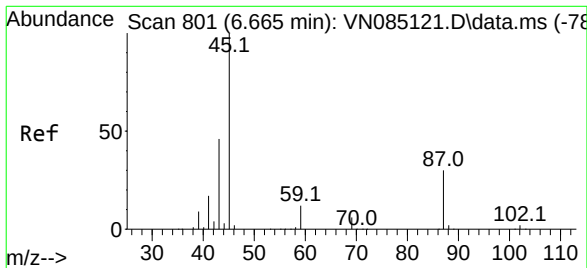
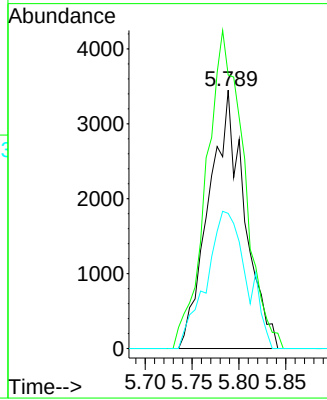
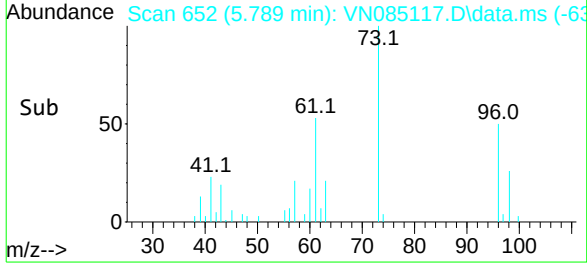
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



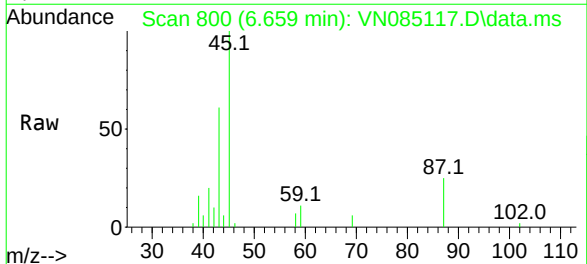
Tgt Ion: 96 Resp: 9118
Ion Ratio Lower Upper
96 100
61 99.9 100.4 150.6#
98 52.3 52.6 79.0#

Manual Integrations
APPROVED

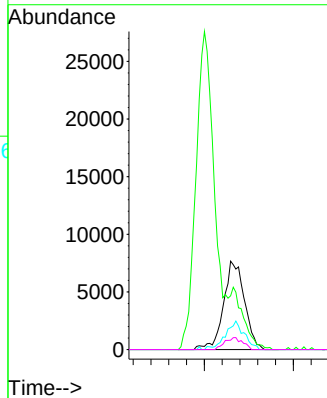
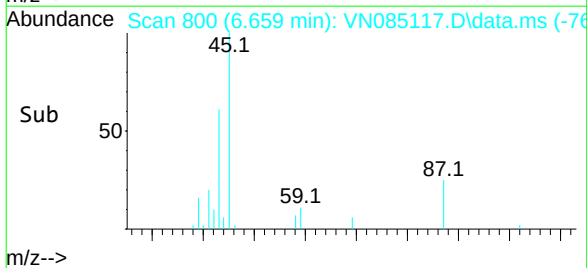
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024

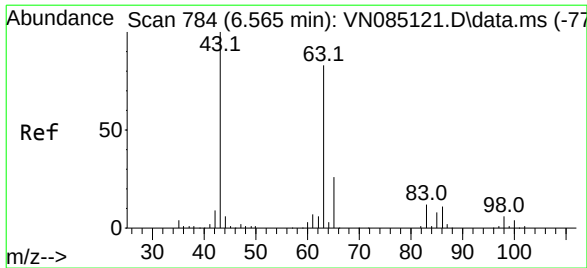


#20
Diisopropyl ether
Concen: 4.484 ug/l m
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02



Tgt Ion: 45 Resp: 25012
Ion Ratio Lower Upper
45 100
43 60.8 41.9 62.9
87 24.8 24.1 36.1
59 10.6 10.0 15.0





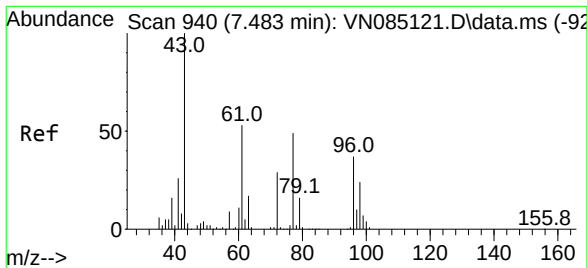
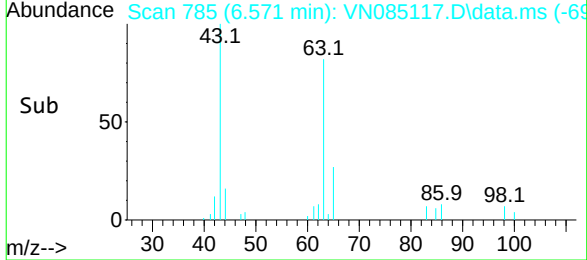
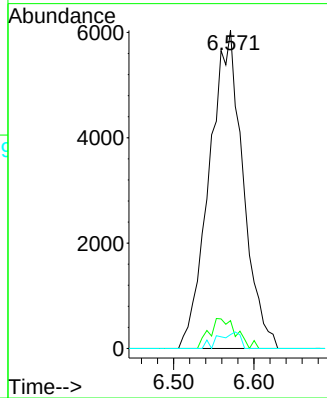
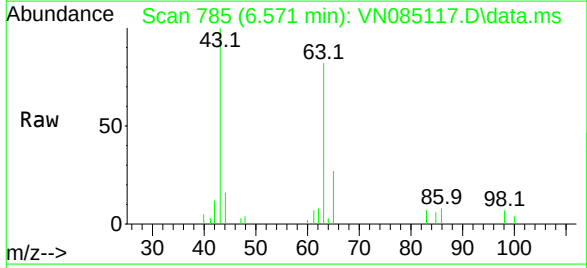
#21
1,1-Dichloroethane
Concen: 5.113 ug/l
RT: 6.571 min Scan# 784
Delta R.T. 0.006 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:	63	Resp:	17605
Ion	Ratio	Lower	Upper
63	100		
98	8.8	3.5	10.4
100	4.4	1.6	4.8

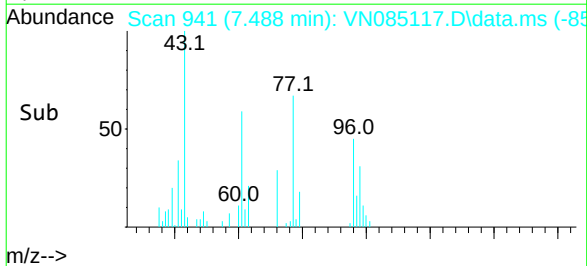
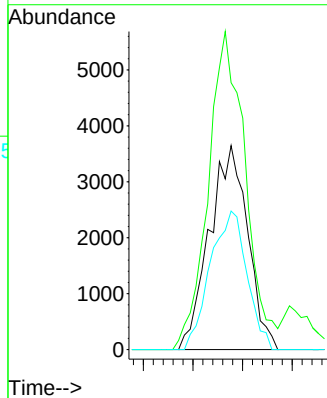
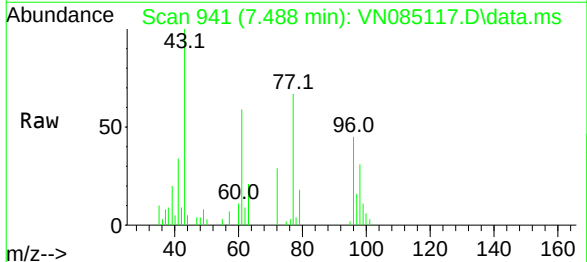
Manual Integrations
APPROVED

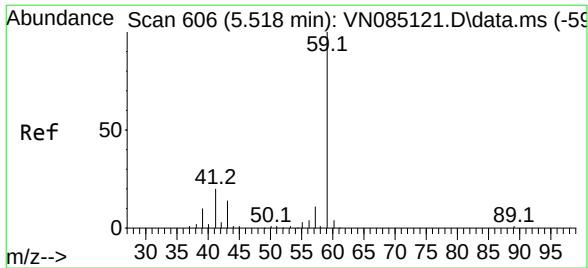
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#22
cis-1,2-Dichloroethene
Concen: 4.606 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion:	96	Resp:	9776
Ion	Ratio	Lower	Upper
96	100		
61	151.1	115.9	173.9
98	65.0	51.8	77.8





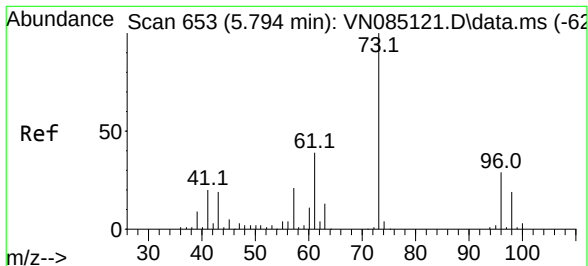
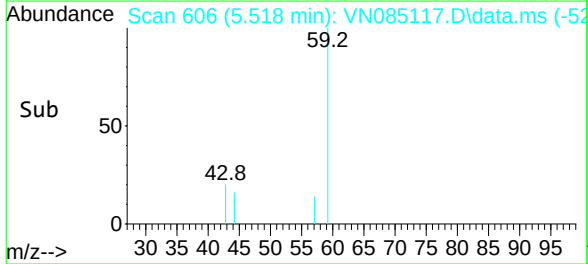
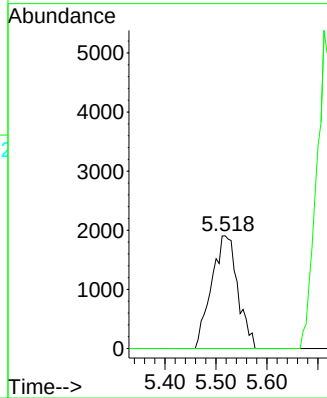
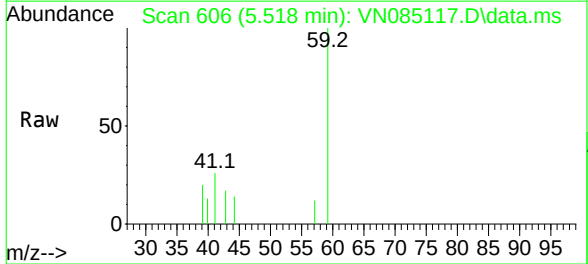
#23
tert-Butyl Alcohol
Concen: 21.825 ug/l m
RT: 5.518 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 59 Resp: 6813
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

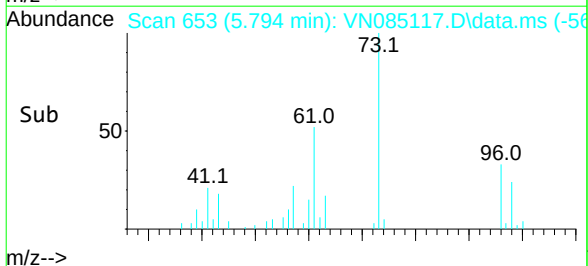
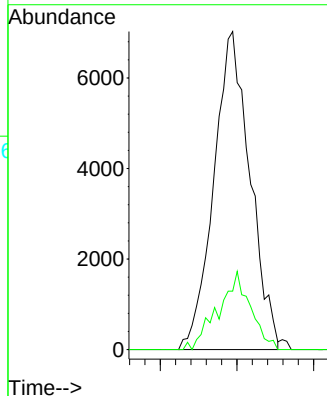
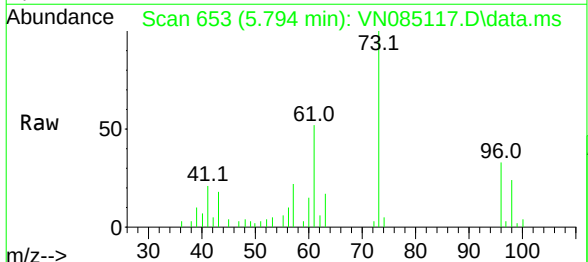
Manual Integrations
APPROVED

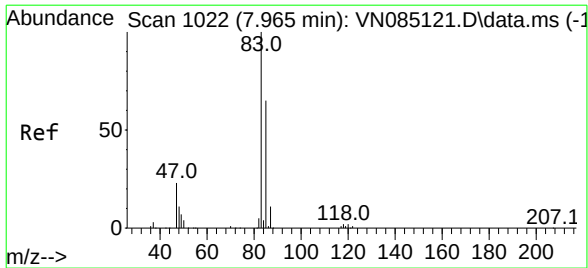
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#24
Methyl tert-Butyl Ether
Concen: 4.159 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

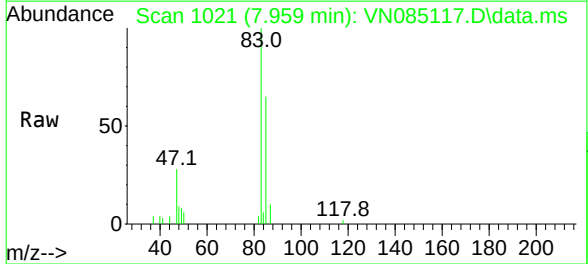
Tgt Ion: 73 Resp: 23064
Ion Ratio Lower Upper
73 100
43 21.2 8.7 13.1#





#25
Chloroform
Concen: 5.094 ug/l
RT: 7.959 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

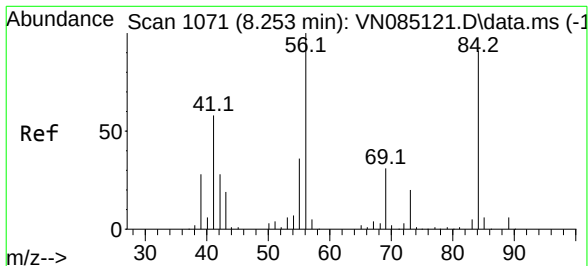
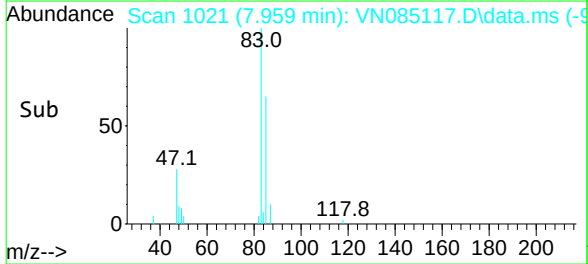
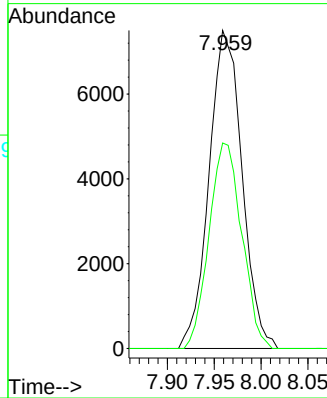
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 18374
Ion Ratio Lower Upper
83 100
85 64.6 49.4 74.0

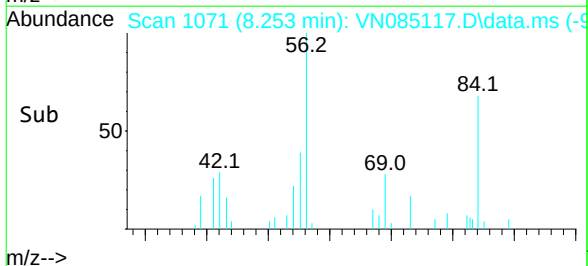
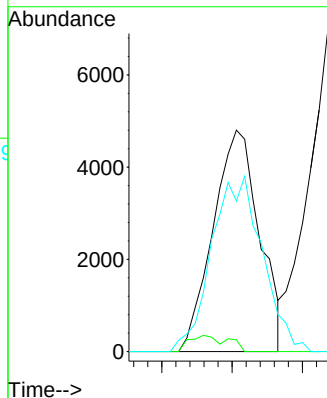
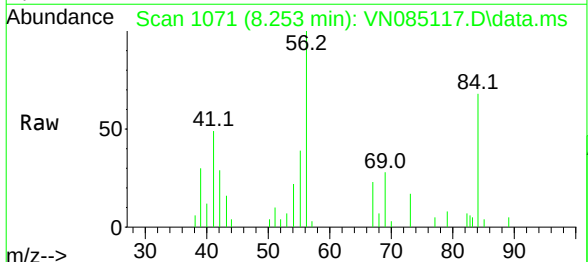
Manual Integrations
APPROVED

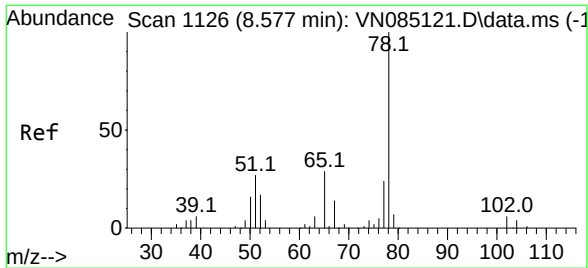
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#26
Cyclohexane
Concen: 3.885 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion: 56 Resp: 11013
Ion Ratio Lower Upper
56 100
89 1.7 19.5 29.3#
84 86.7 70.6 105.8





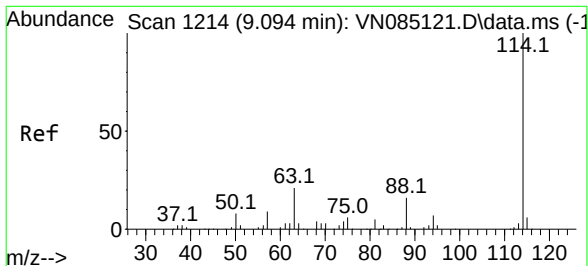
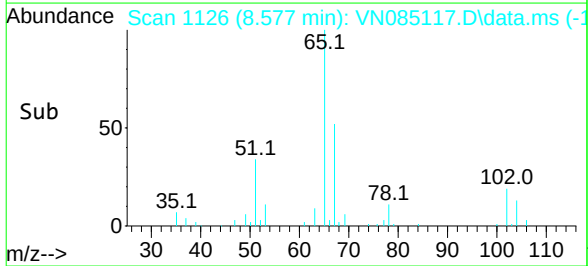
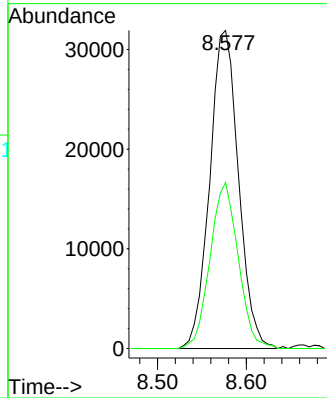
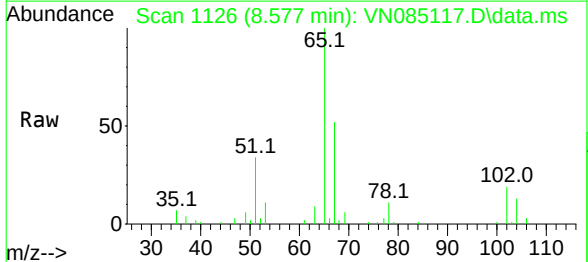
#27
1,2-Dichloroethane-d4
Concen: 31.025 ug/l
RT: 8.577 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 65 Resp: 71806
Ion Ratio Lower Upper
65 100
67 51.0 39.9 59.9

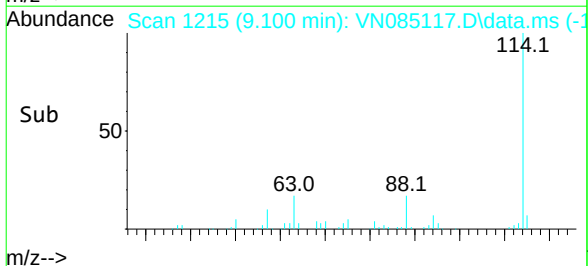
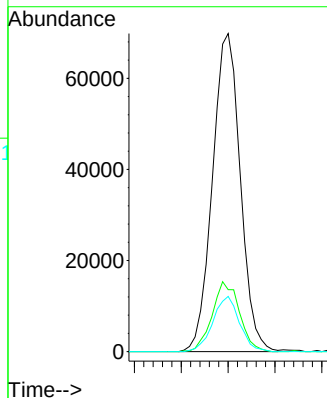
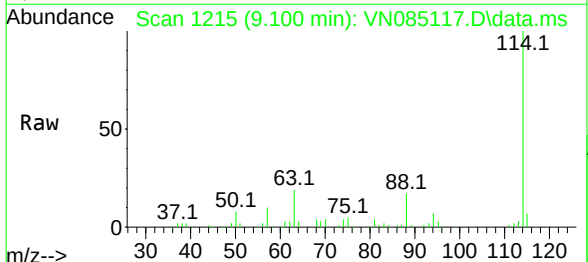
Manual Integrations
APPROVED

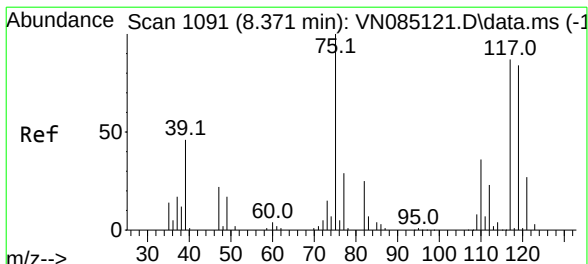
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

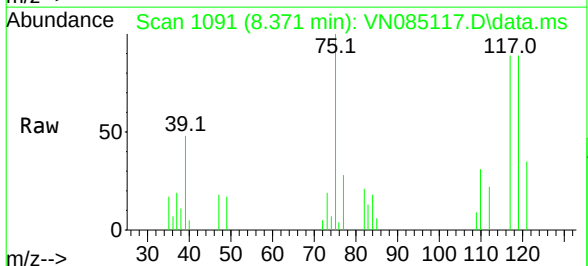
Tgt Ion:114 Resp: 144230
Ion Ratio Lower Upper
114 100
63 21.5 16.2 24.2
88 16.5 12.5 18.7





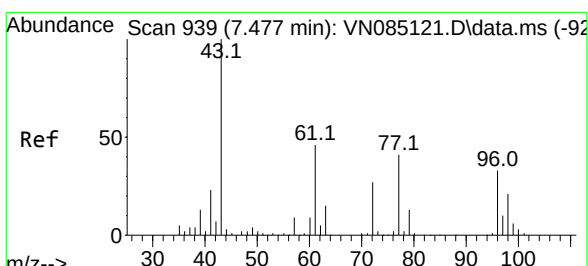
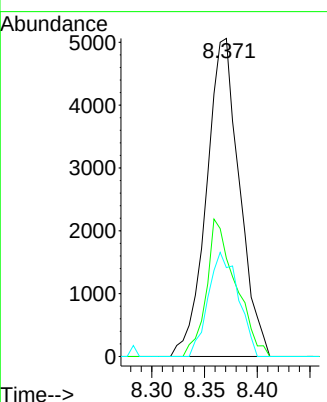
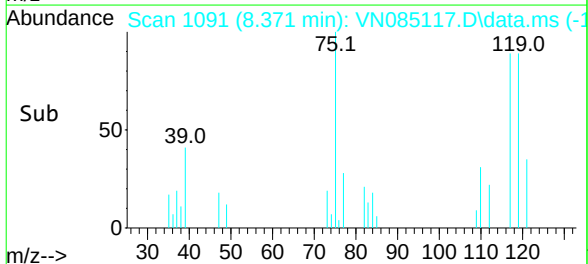
#29
 1,1-Dichloropropene
 Concen: 4.731 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: VN085117.D
 Acq: 06 Dec 2024 10:02

Instrument : MSVOA_N
 ClientSampleId : VSTDICC005

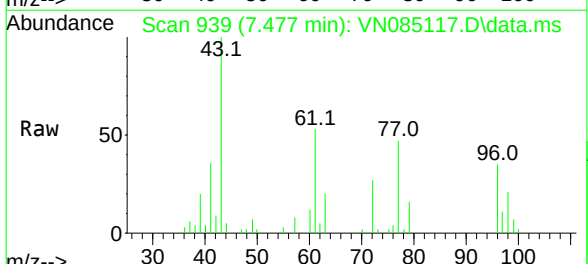


Tgt Ion:	75	Resp:	11010
Ion	Ratio	Lower	Upper
75	100		
110	38.1	0.0	71.6
77	29.9	0.0	62.2

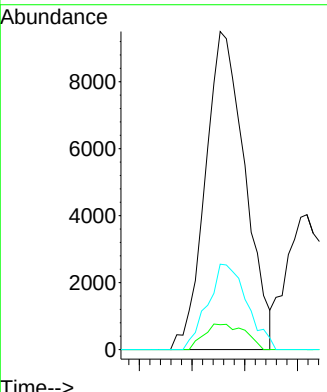
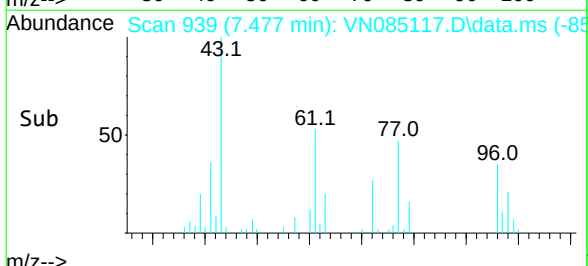
Manual Integrations
APPROVED
 Reviewed By :Mahesh Dadoda 12/09/2024
 Supervised By :Semsettin Yesilyurt 12/09/2024

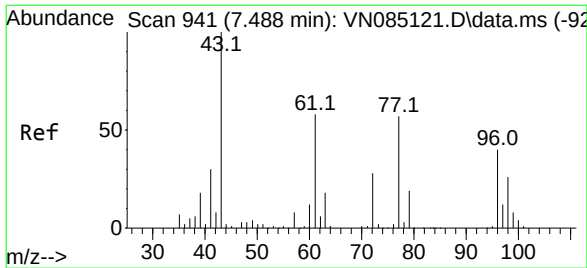


#30
 2-Butanone
 Concen: 23.275 ug/l
 RT: 7.477 min Scan# 939
 Delta R.T. -0.006 min
 Lab File: VN085117.D
 Acq: 06 Dec 2024 10:02



Tgt Ion:	43	Resp:	24858
Ion	Ratio	Lower	Upper
43	100		
57	5.7	6.9	10.3
72	26.5	21.8	32.8





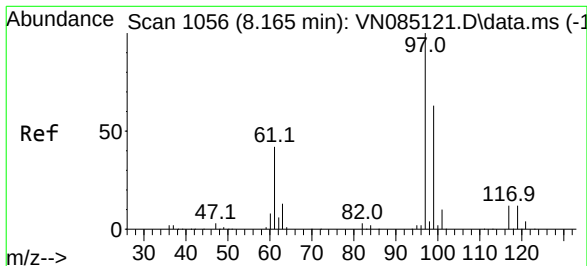
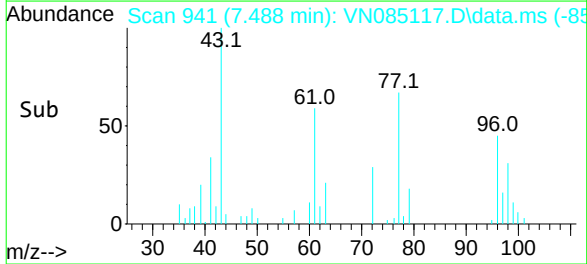
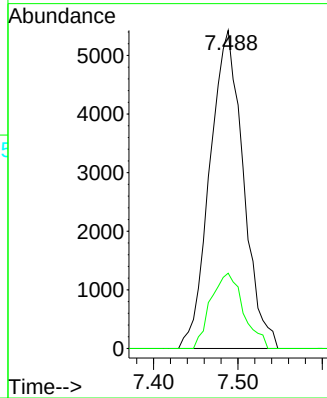
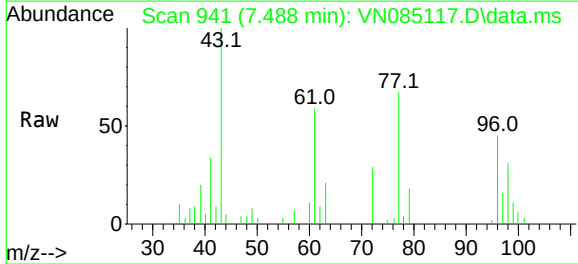
#31
2,2-Dichloropropane
Concen: 5.023 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 77 Resp: 14990
Ion Ratio Lower Upper
77 100
97 23.0 0.0 0.0#

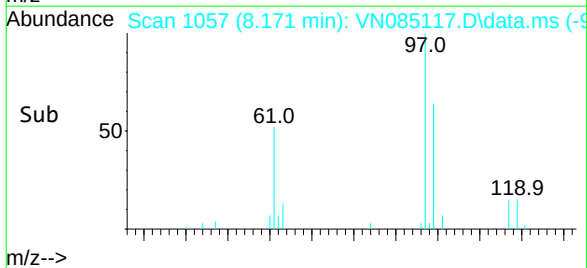
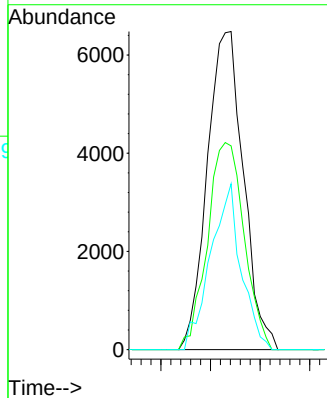
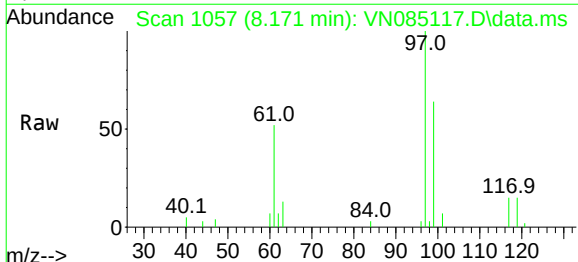
Manual Integrations
APPROVED

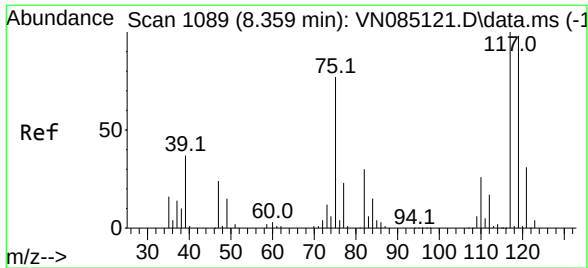
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#32
1,1,1-Trichloroethane
Concen: 5.216 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

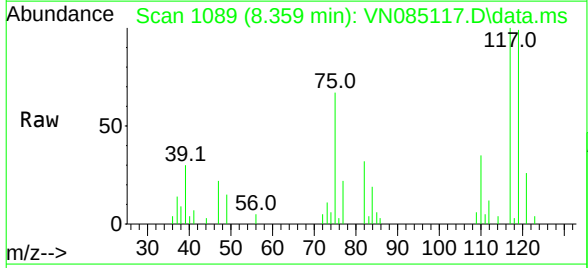
Tgt Ion: 97 Resp: 16430
Ion Ratio Lower Upper
97 100
99 66.0 50.8 76.2
61 44.0 32.7 49.1





#33
Carbon Tetrachloride
Concen: 5.233 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

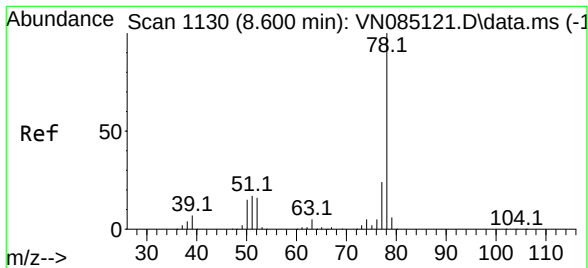
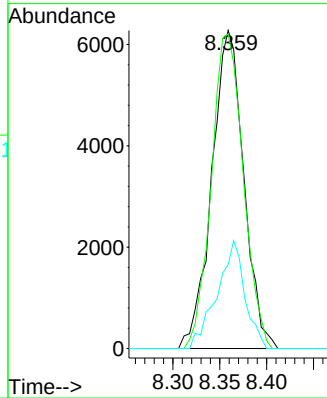
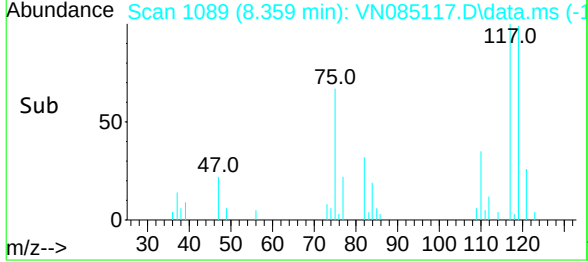
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



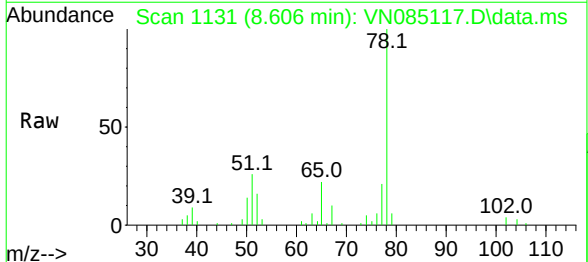
Tgt Ion: 117 Resp: 14874
Ion Ratio Lower Upper
117 100
119 98.9 81.6 122.4
121 26.4 26.5 39.7#

Manual Integrations
APPROVED

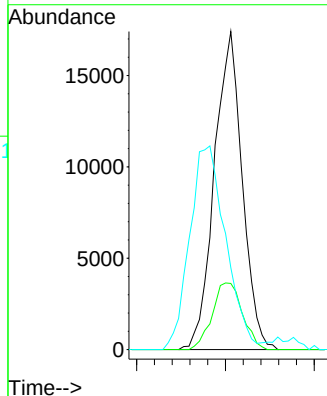
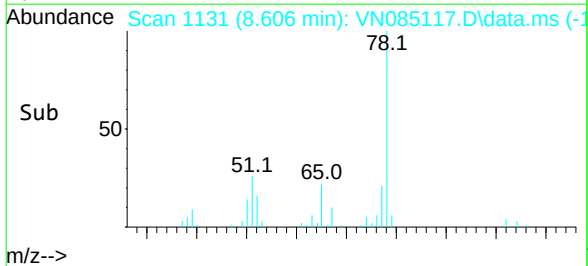
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024

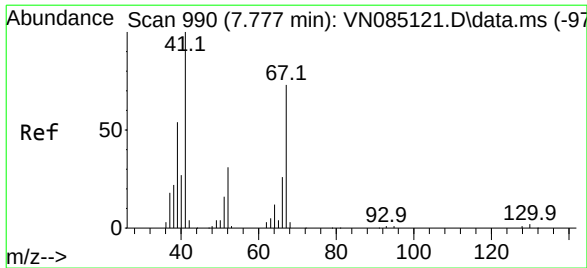


#34
Benzene
Concen: 5.199 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02



Tgt Ion: 78 Resp: 38013
Ion Ratio Lower Upper
78 100
77 20.8 18.0 27.0
51 21.8 12.4 18.6#





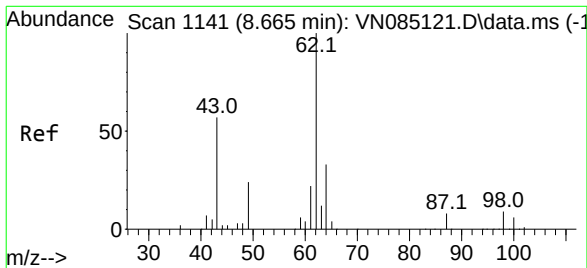
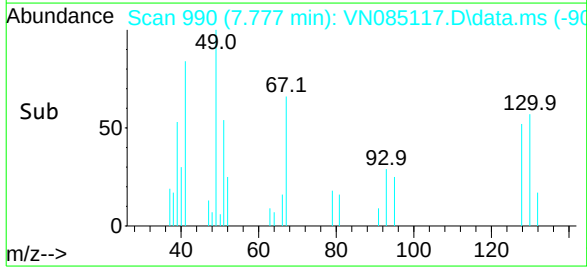
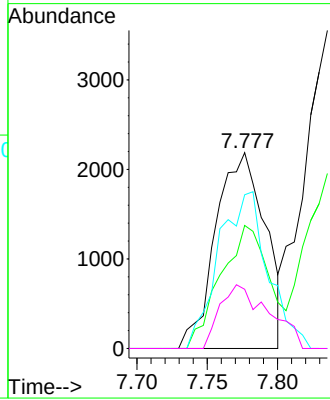
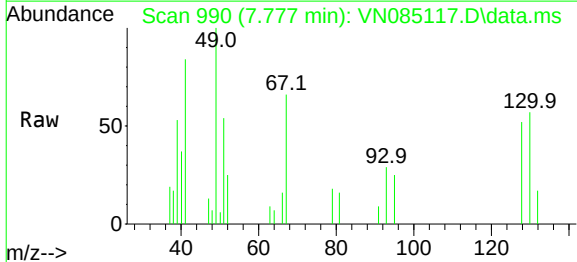
#35
Methacrylonitrile
Concen: 4.455 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 41	Resp: 5355
Ion Ratio	Lower Upper
41 100	
39 62.8	24.4 73.2
67 78.5	37.0 110.9
52 30.2	12.4 37.2

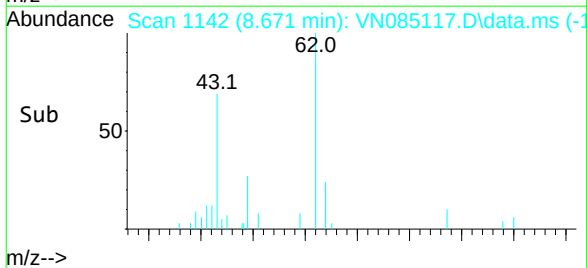
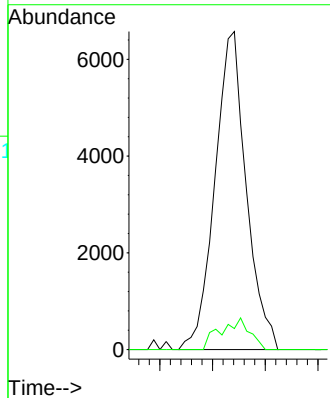
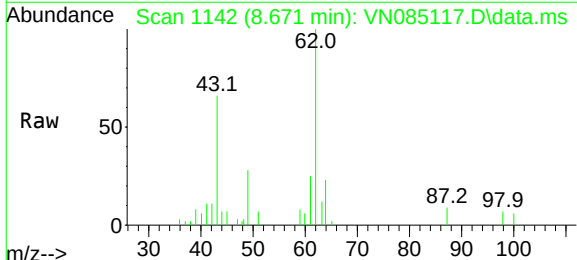
Manual Integrations
APPROVED

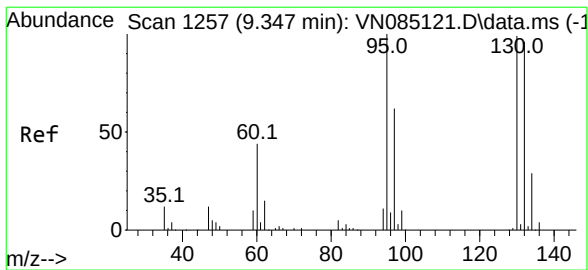
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#36
1,2-Dichloroethane
Concen: 5.451 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

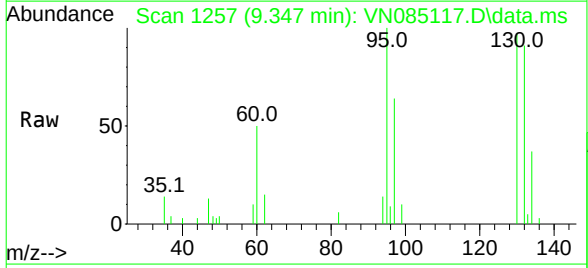
Tgt Ion: 62	Resp: 13568
Ion Ratio	Lower Upper
62 100	
98 6.4	7.3 10.9#





#37
 Trichloroethene
 Concen: 5.067 ug/l
 RT: 9.347 min Scan# 1257
 Delta R.T. -0.006 min
 Lab File: VN085117.D
 Acq: 06 Dec 2024 10:02

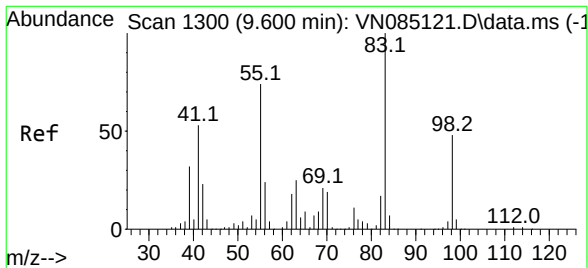
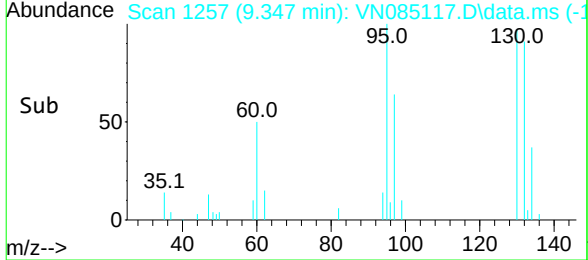
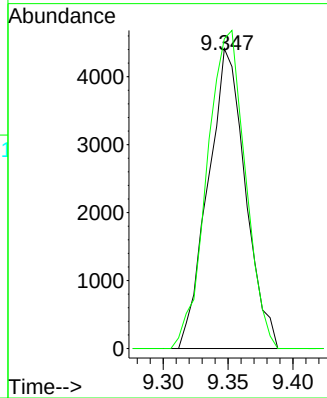
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 130 Resp: 8822
 Ion Ratio Lower Upper
 130 100
 95 103.3 76.2 114.4

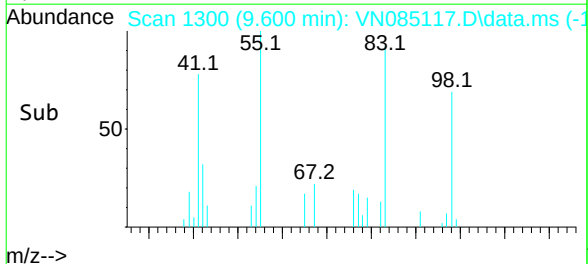
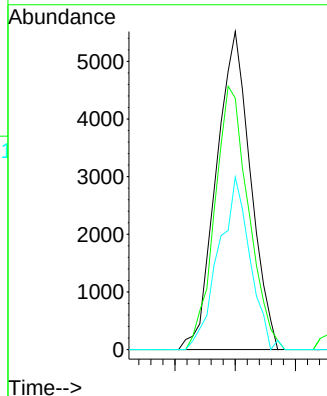
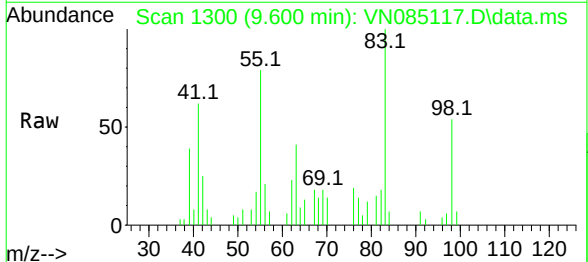
Manual Integrations
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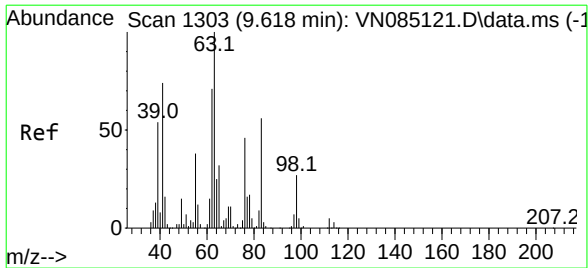
Reviewed By :Mahesh Dadoda 12/09/2024
 Supervised By :Semsettin Yesilyurt 12/09/2024



#38
 Methylcyclohexane
 Concen: 4.304 ug/l
 RT: 9.600 min Scan# 1300
 Delta R.T. 0.000 min
 Lab File: VN085117.D
 Acq: 06 Dec 2024 10:02

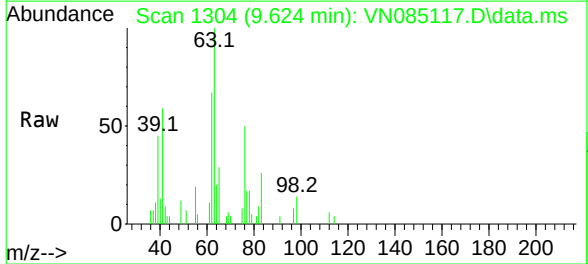
Tgt Ion: 83 Resp: 10891
 Ion Ratio Lower Upper
 83 100
 55 81.5 41.4 124.4
 98 49.3 25.7 77.1





#39
1,2-Dichloropropane
Concen: 5.273 ug/l
RT: 9.624 min Scan# 1303
Delta R.T. 0.006 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

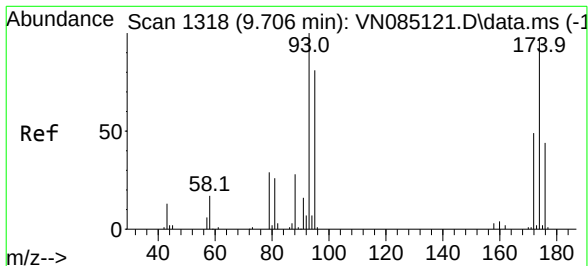
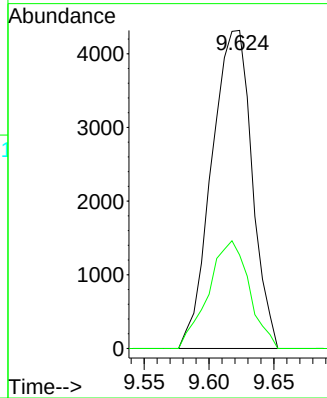
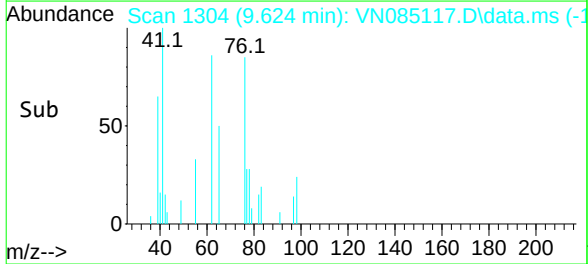
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 63 Resp: 9337
Ion Ratio Lower Upper
63 100
65 29.4 23.4 35.0

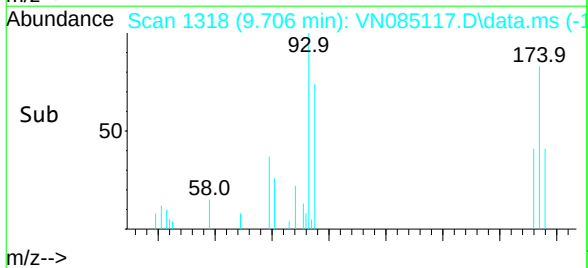
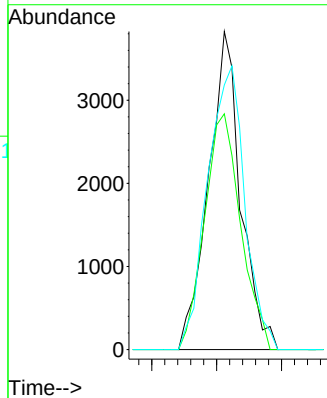
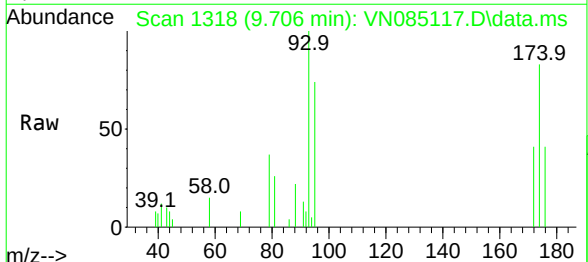
Manual Integrations
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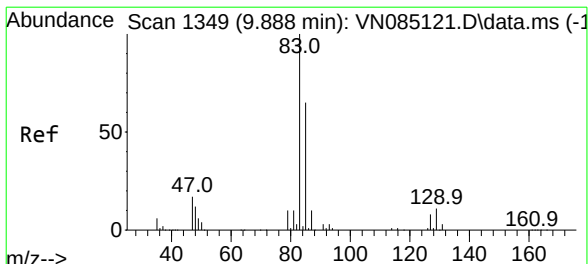
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#40
Dibromomethane
Concen: 5.194 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion: 93 Resp: 6598
Ion Ratio Lower Upper
93 100
95 83.4 0.0 169.4
174 103.1 0.0 189.8





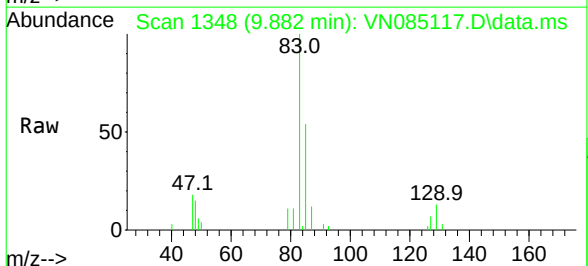
#41
 Bromodichloromethane
 Concen: 5.278 ug/l
 RT: 9.882 min Scan# 1349
 Delta R.T. 0.000 min
 Lab File: VN085117.D
 Acq: 06 Dec 2024 10:02

Instrument :

MSVOA_N

ClientSampleId :

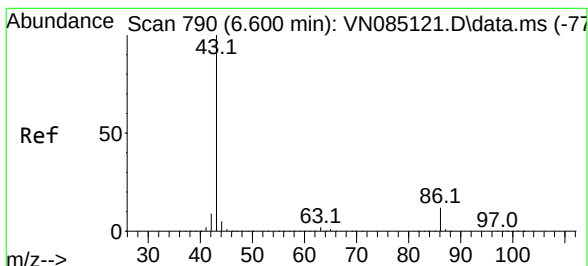
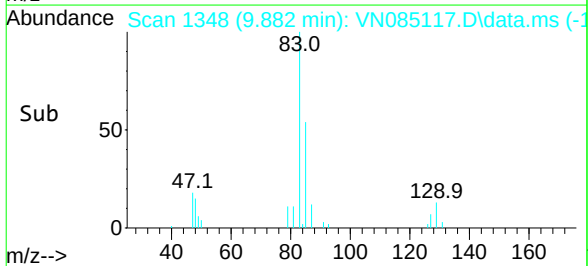
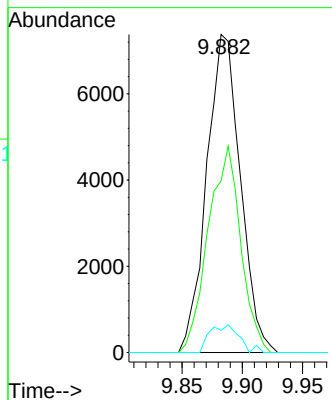
VSTDICC005



Tgt Ion:	83	Resp:	14332
Ion	Ratio	Lower	Upper
83	100		
85	54.0	54.6	81.8#
127	7.0	7.0	10.6#

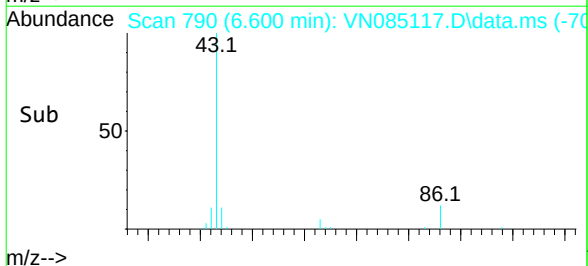
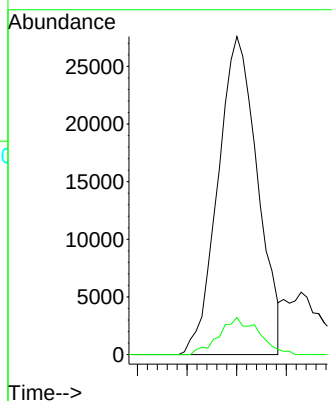
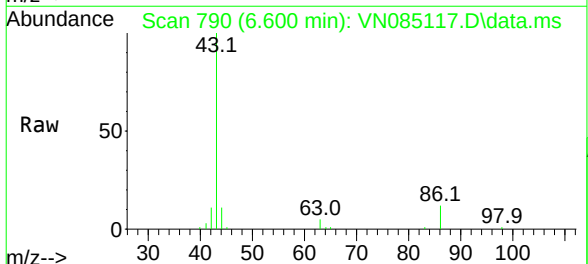
Manual Integrations
 APPROVED

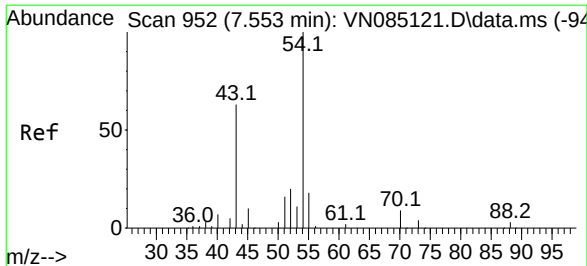
Reviewed By :Mahesh Dadoda 12/09/2024
 Supervised By :Semsettin Yesilyurt 12/09/2024



#42
 Vinyl Acetate
 Concen: 20.505 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN085117.D
 Acq: 06 Dec 2024 10:02

Tgt Ion:	43	Resp:	76634
Ion	Ratio	Lower	Upper
43	100		
86	5.7	9.2	13.8#





#43

Ethyl Acetate

Concen: 4.927 ug/l

RT: 7.559 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN085117.D

Acq: 06 Dec 2024 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 10470

Ion Ratio Lower Upper

43 100

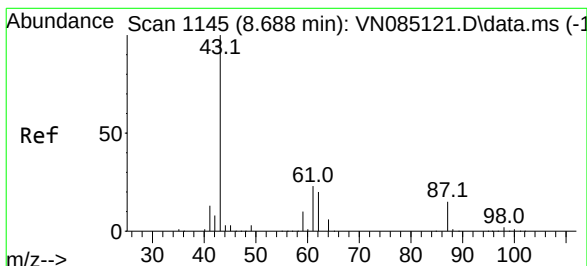
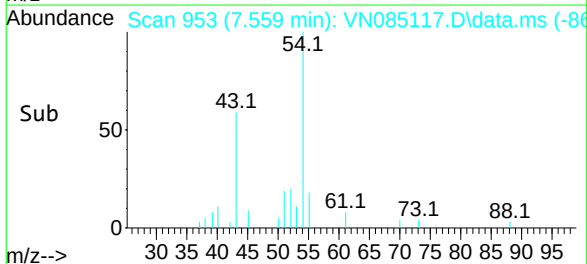
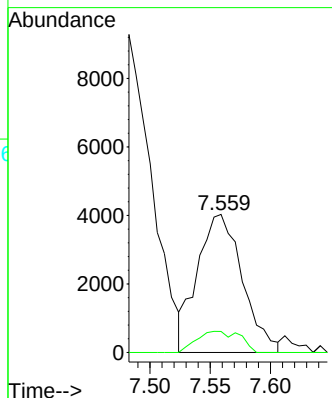
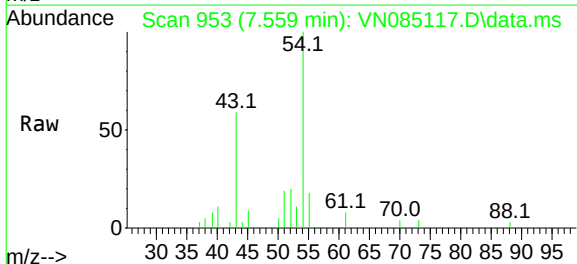
45 10.6 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/09/2024

Supervised By :Semsettin Yesilyurt 12/09/2024



#44

Isopropyl Acetate

Concen: 4.817 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VN085117.D

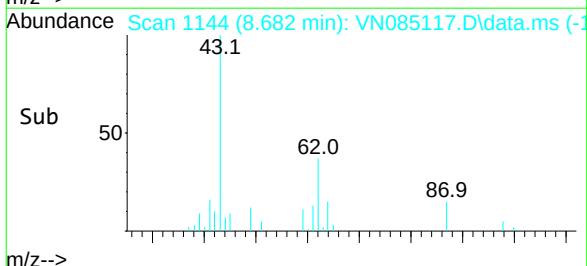
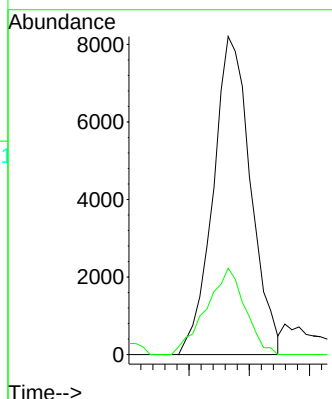
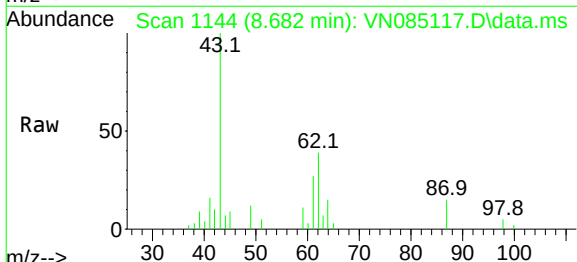
Acq: 06 Dec 2024 10:02

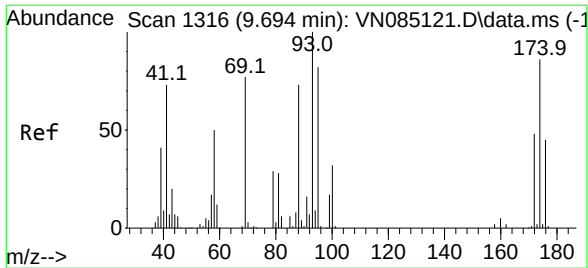
Tgt Ion: 43 Resp: 17789

Ion Ratio Lower Upper

43 100

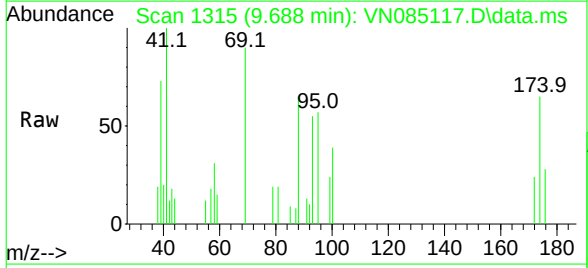
61 28.1 21.5 32.3





#45
1,4-Dioxane
Concen: 85.662 ug/l
RT: 9.688 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

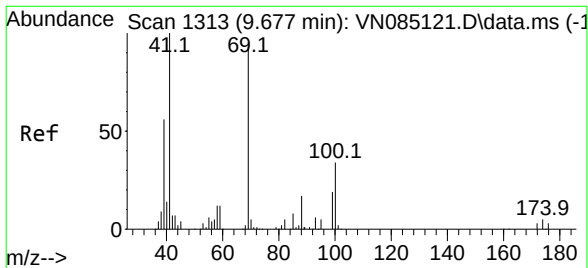
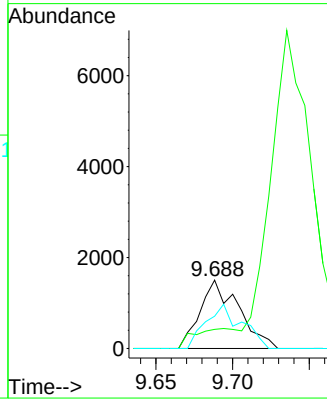
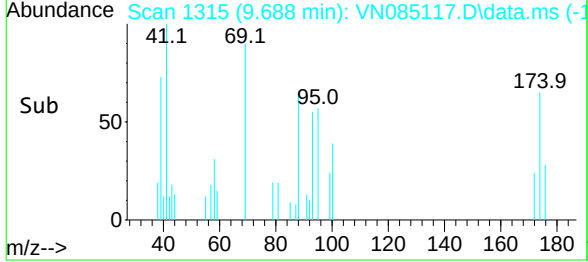
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



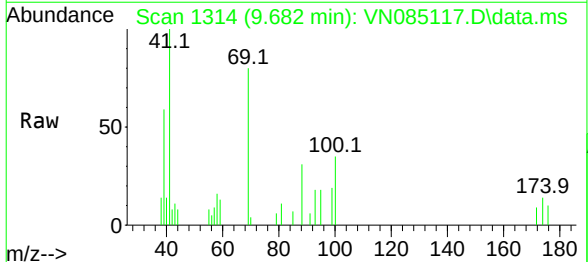
Tgt Ion: 88 Resp: 2638
Ion Ratio Lower Upper
88 100
43 24.8 21.7 32.5
58 42.1 52.6 79.0#

Manual Integrations
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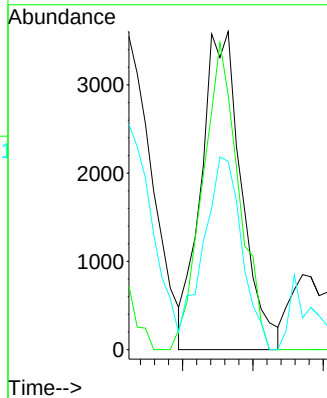
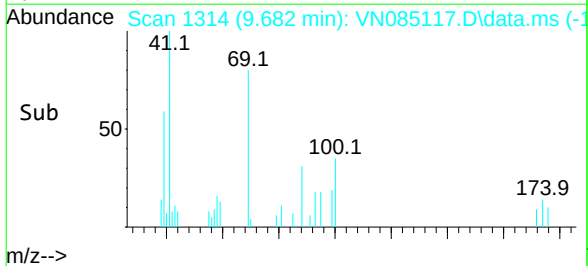
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024

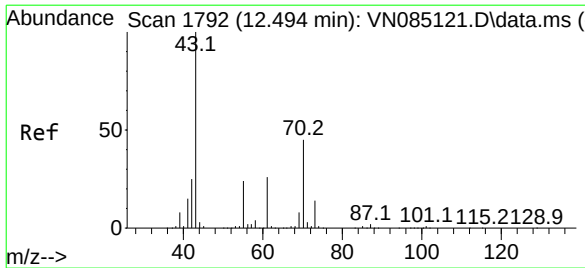


#46
Methyl methacrylate
Concen: 4.258 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02



Tgt Ion: 41 Resp: 7196
Ion Ratio Lower Upper
41 100
69 86.1 46.7 140.0
39 63.6 28.5 85.5





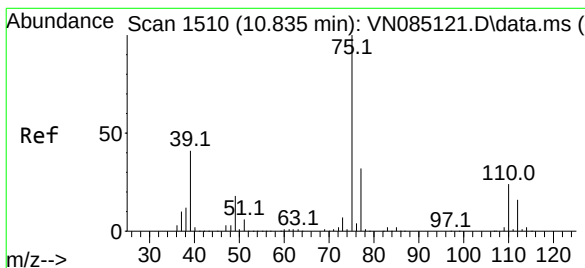
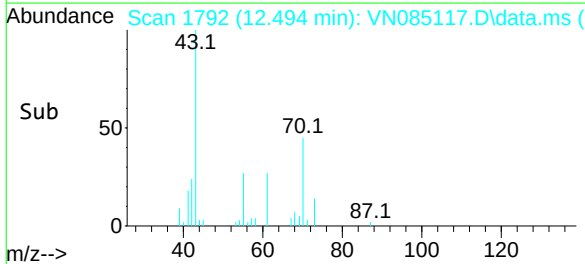
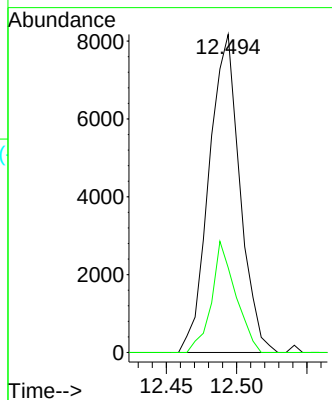
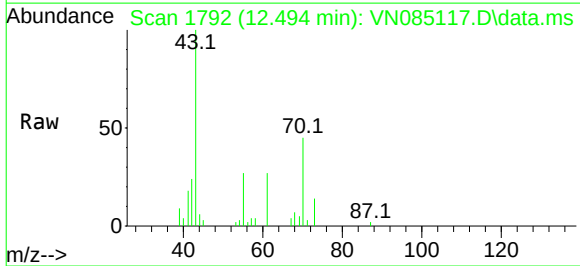
#47
n-amy1 Acetate
Concen: 4.021 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 12494
Ion Ratio Lower Upper
43 100
55 27.3 23.3 34.9

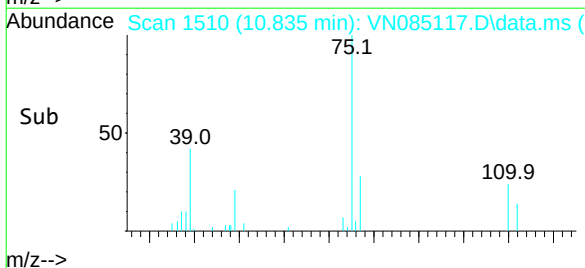
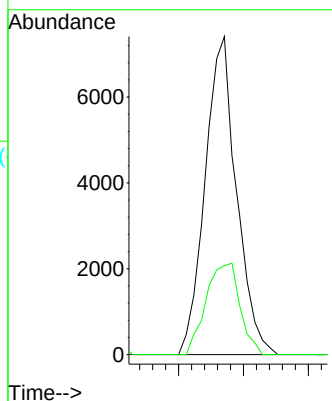
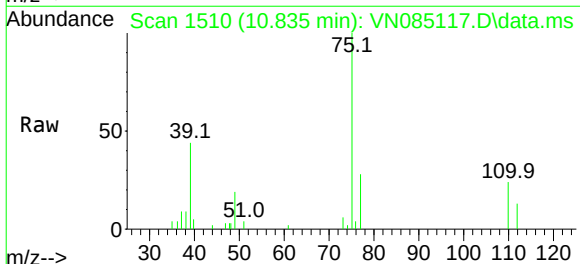
Manual Integrations
APPROVED

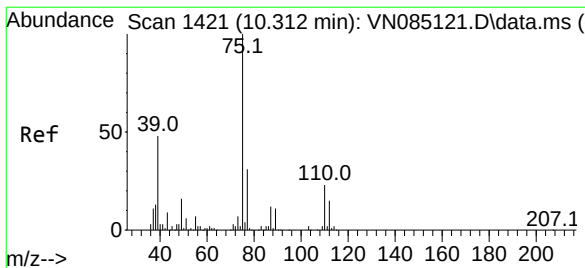
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#48
t-1,3-Dichloropropene
Concen: 4.675 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion: 75 Resp: 12463
Ion Ratio Lower Upper
75 100
77 28.0 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 4.809 ug/l

RT: 10.306 min Scan# 14

Delta R.T. -0.006 min

Lab File: VN085117.D

Acq: 06 Dec 2024 10:02

Instrument :

MSVOA_N

ClientSampleId :

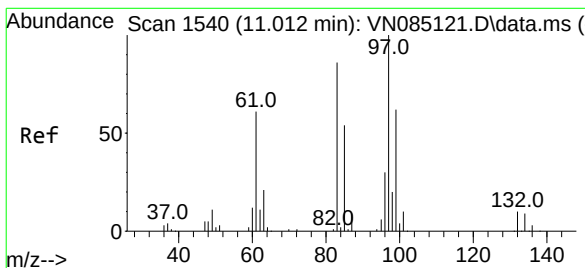
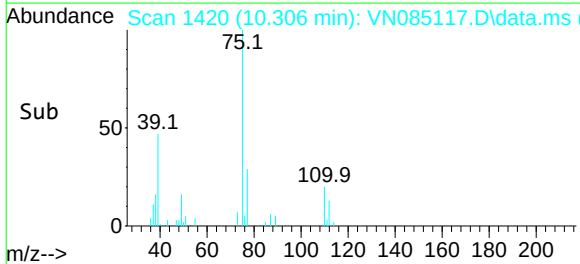
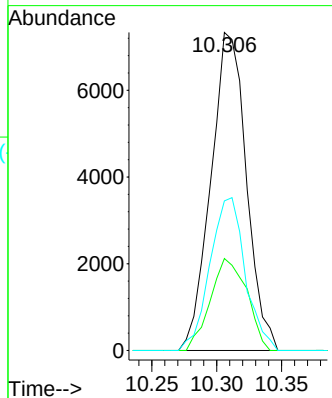
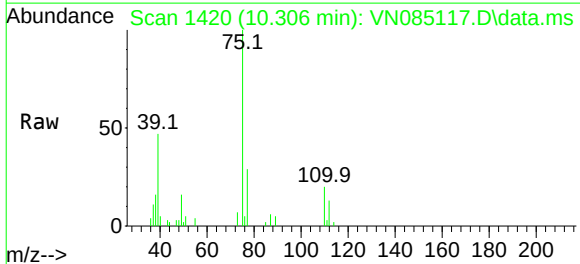
VSTDICC005

Tgt Ion: 75	Resp: 13955
Ion Ratio	Lower Upper
75 100	
77 28.9	23.8 35.6
39 47.0	37.3 55.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#50

1,1,2-Trichloroethane

Concen: 5.429 ug/l

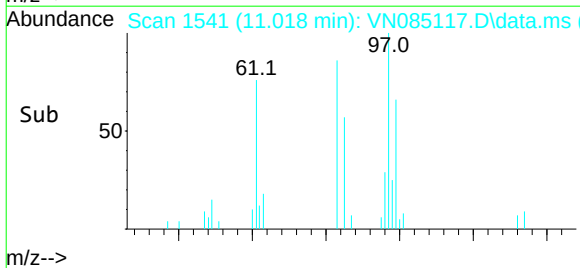
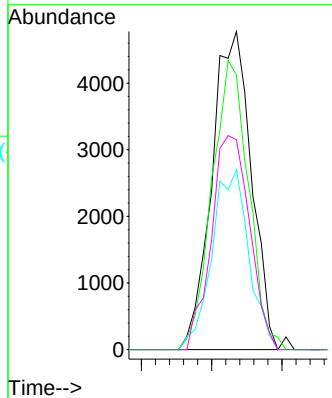
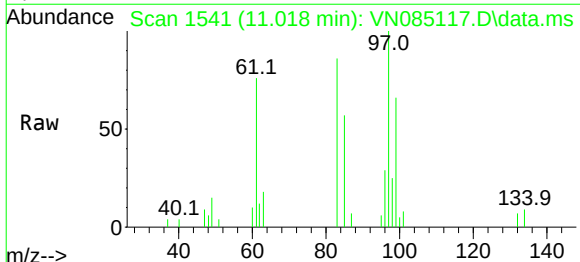
RT: 11.018 min Scan# 1541

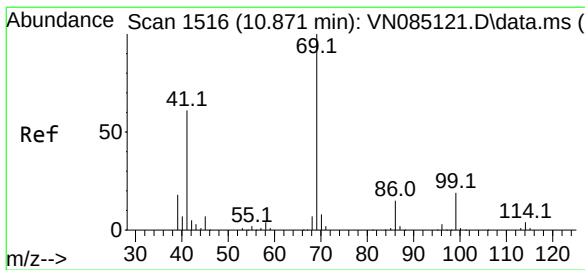
Delta R.T. 0.006 min

Lab File: VN085117.D

Acq: 06 Dec 2024 10:02

Tgt Ion: 97	Resp: 9292
Ion Ratio	Lower Upper
97 100	
83 86.3	65.8 98.8
85 56.6	40.8 61.2
99 66.0	44.0 66.0





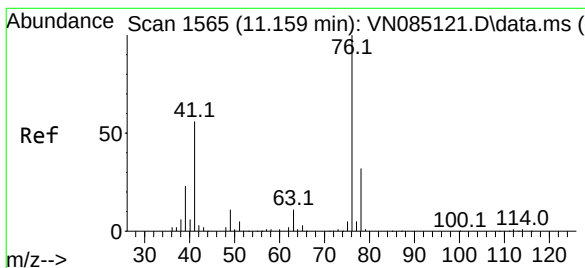
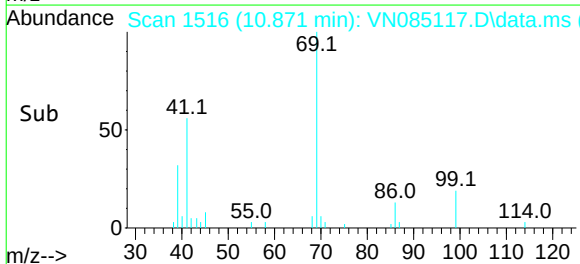
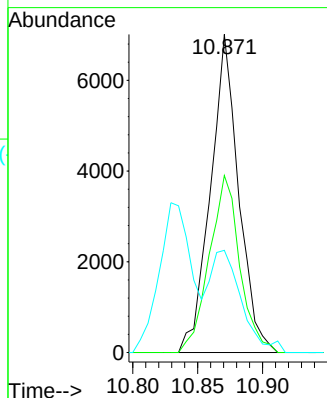
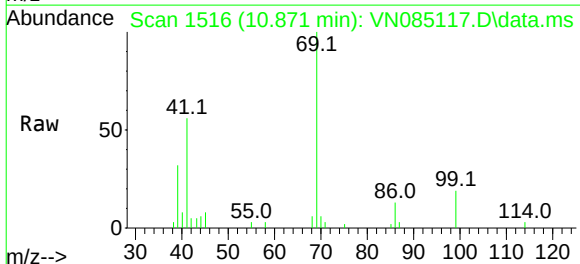
#51
Ethyl methacrylate
Concen: 4.068 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion	Ratio	Lower	Upper
69	100		
41	55.7	32.1	96.3
39	28.5	18.8	56.4

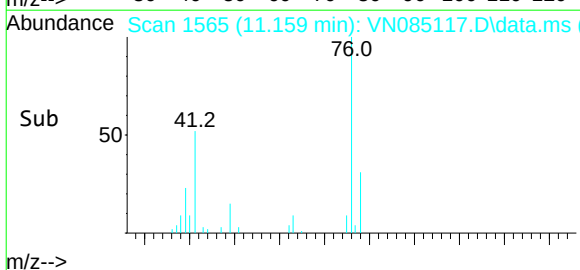
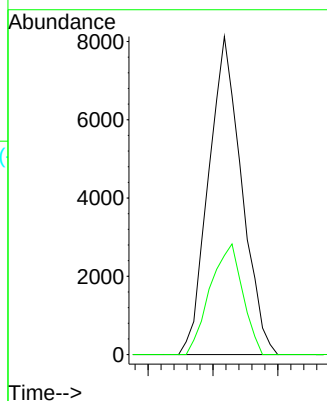
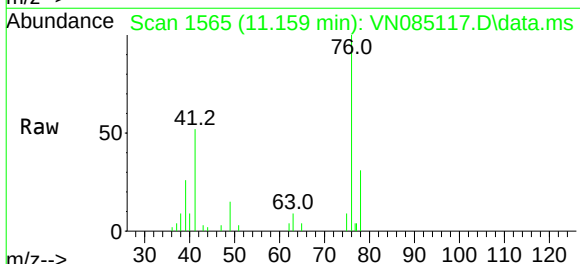
Manual Integrations
APPROVED

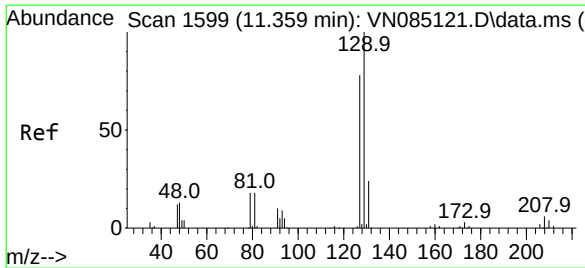
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#52
1,3-Dichloropropane
Concen: 5.019 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion	Ratio	Lower	Upper
76	100		
78	34.1	0.0	65.6





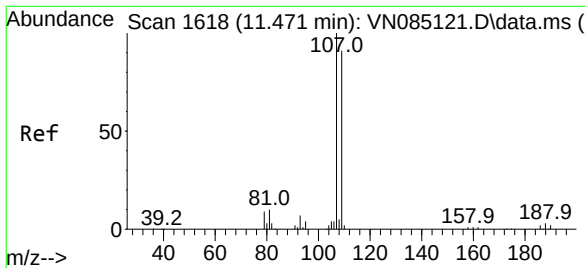
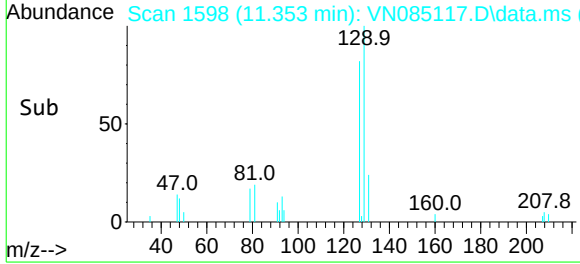
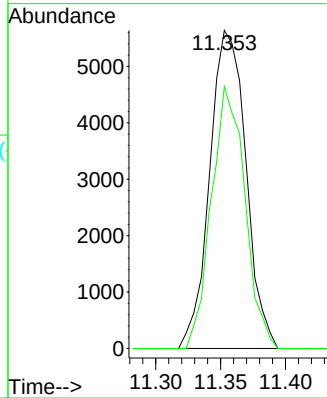
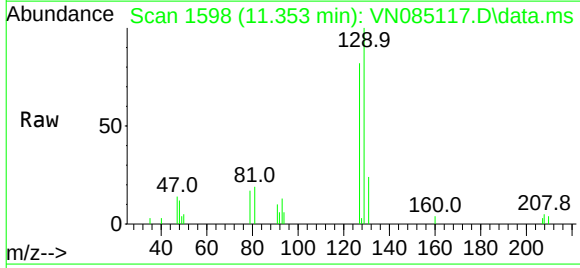
#53
Dibromochloromethane
Concen: 5.246 ug/l
RT: 11.353 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:129 Resp: 10942
Ion Ratio Lower Upper
129 100
127 76.1 37.3 111.9

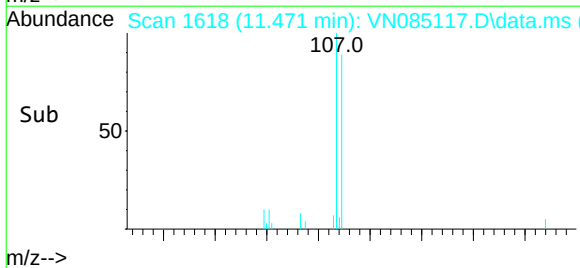
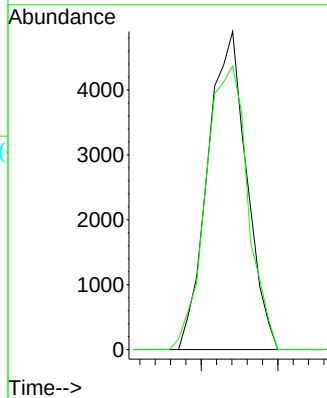
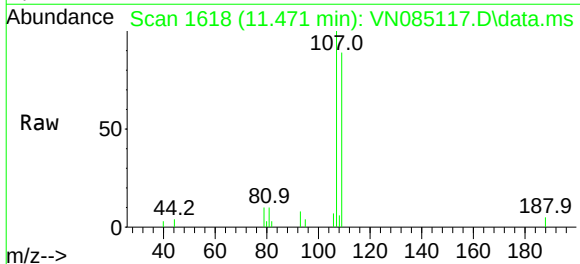
Manual Integrations
APPROVED

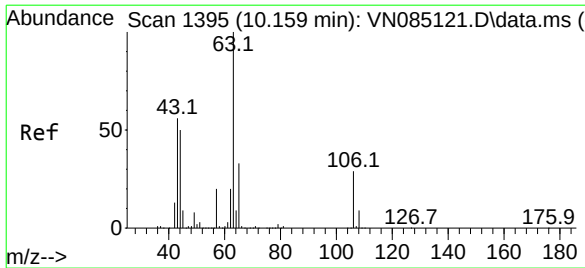
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#54
1,2-Dibromoethane
Concen: 4.988 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

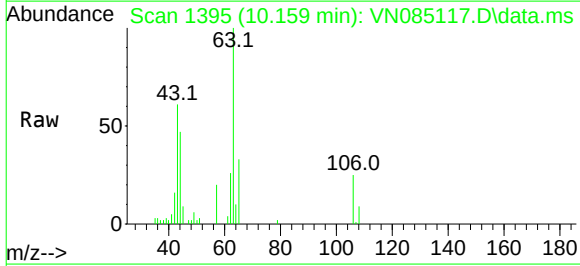
Tgt Ion:107 Resp: 8602
Ion Ratio Lower Upper
107 100
109 96.6 75.2 112.8





#55
2-Chloroethyl vinyl ether
Concen: 19.844 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

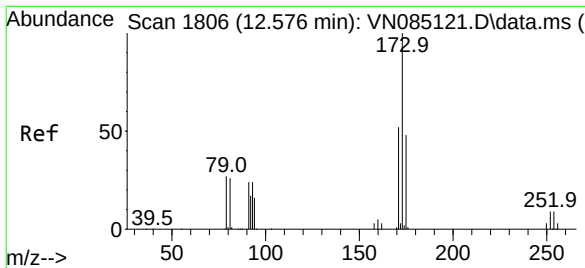
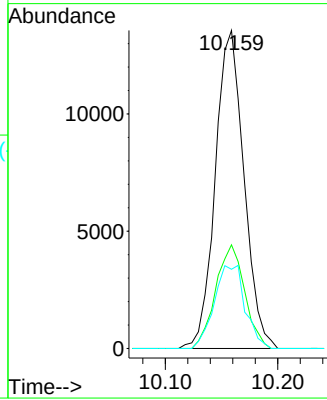
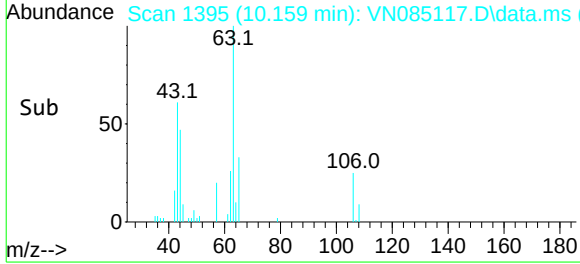
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 63 Resp: 23999
Ion Ratio Lower Upper
63 100
65 33.0 25.9 38.9
106 28.1 23.5 35.3

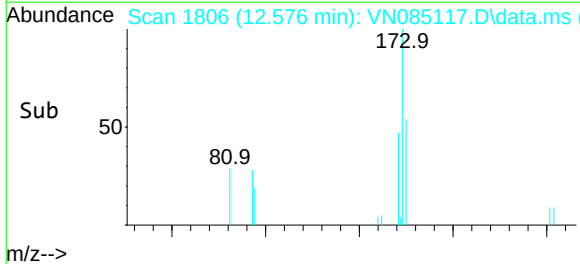
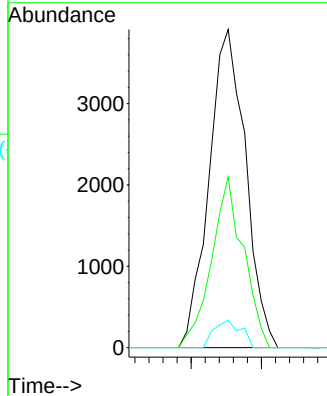
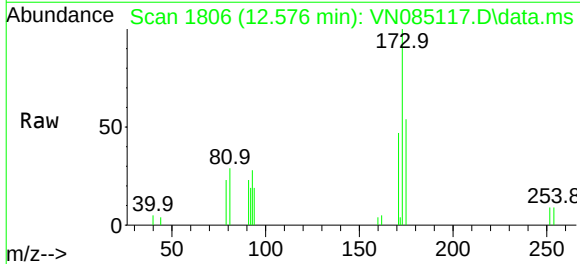
Manual Integrations
APPROVED

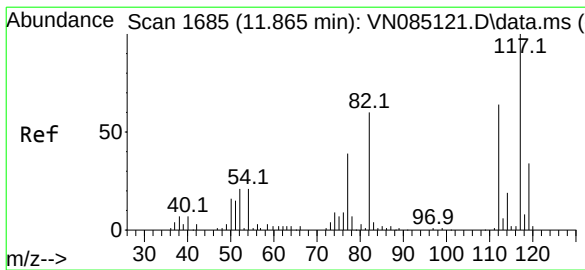
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#56
Bromoform
Concen: 5.052 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion:173 Resp: 7066
Ion Ratio Lower Upper
173 100
175 46.7 40.2 60.2
254 6.3 6.2 9.4





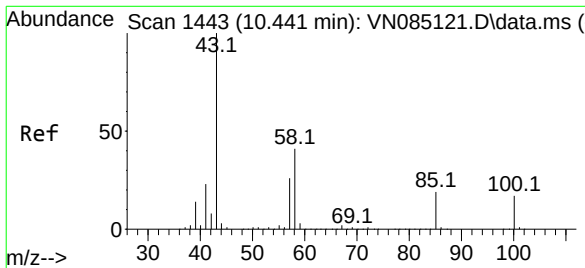
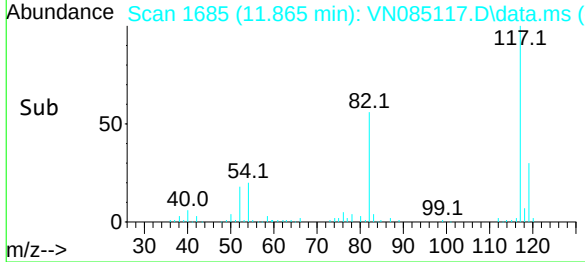
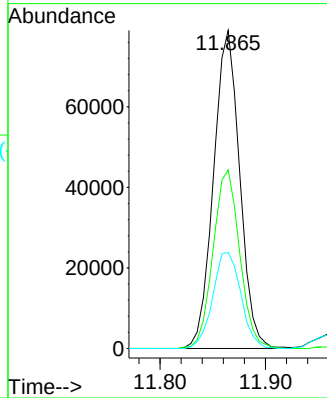
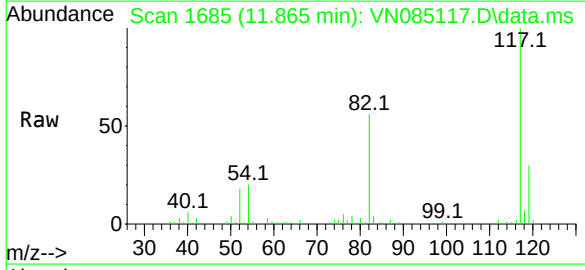
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 117 Resp: 136167
Ion Ratio Lower Upper
117 100
82 57.0 44.2 66.4
119 32.5 25.4 38.2

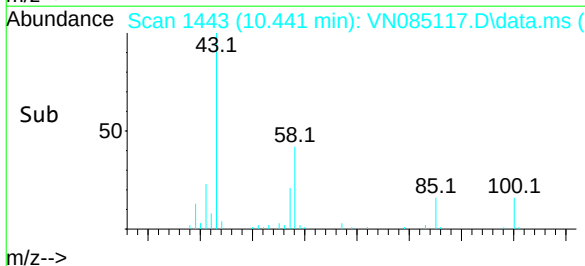
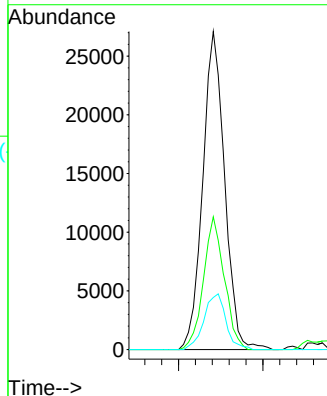
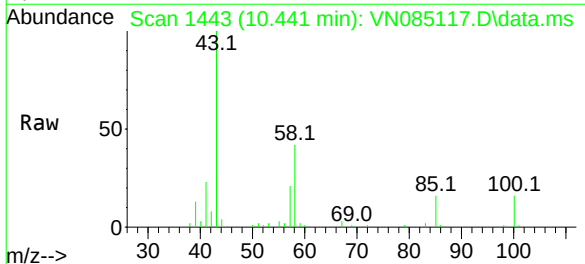
Manual Integrations
APPROVED

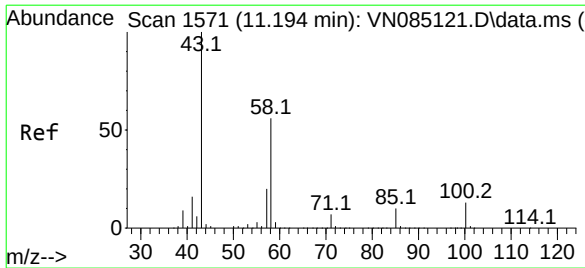
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#58
4-Methyl-2-Pentanone
Concen: 21.990 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

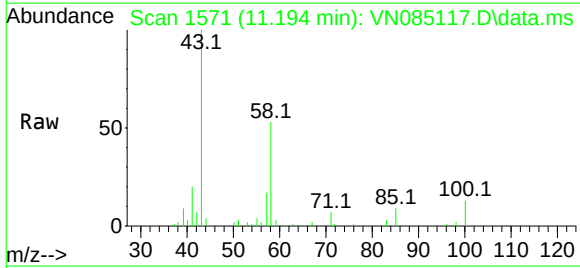
Tgt Ion: 43 Resp: 48868
Ion Ratio Lower Upper
43 100
58 39.7 31.6 47.4
85 17.6 15.0 22.6





#59
2-Hexanone
Concen: 21.188 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

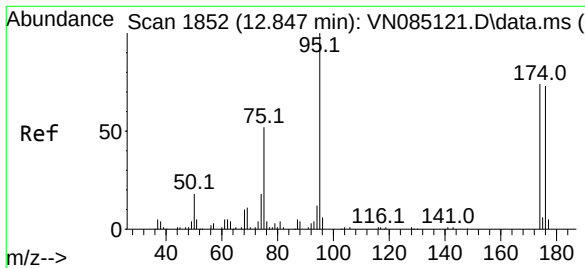
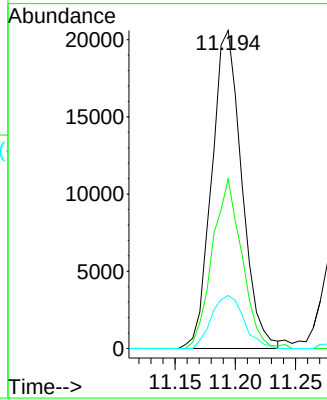
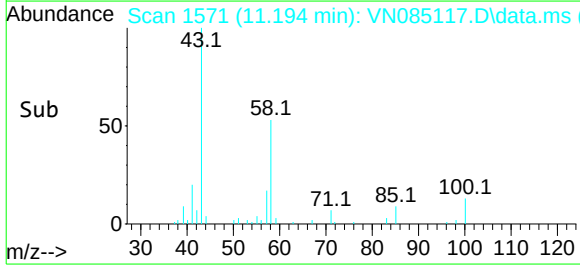
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



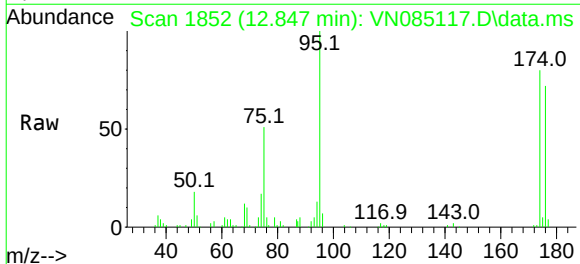
Tgt Ion: 43 Resp: 35678
Ion Ratio Lower Upper
43 100
58 52.3 43.6 65.4
57 17.9 15.4 23.0

Manual Integrations
APPROVED

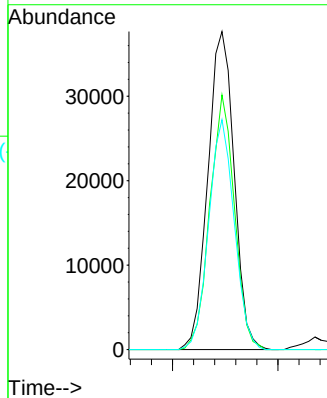
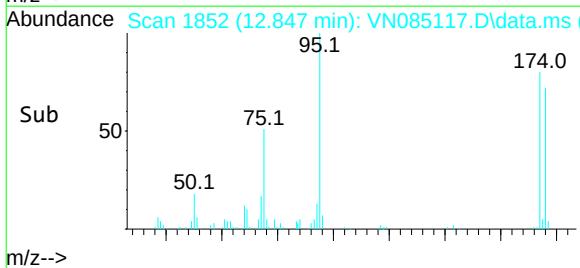
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024

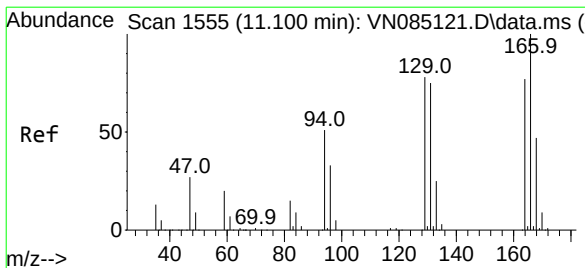


#60
4-Bromofluorobenzene
Concen: 28.954 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02



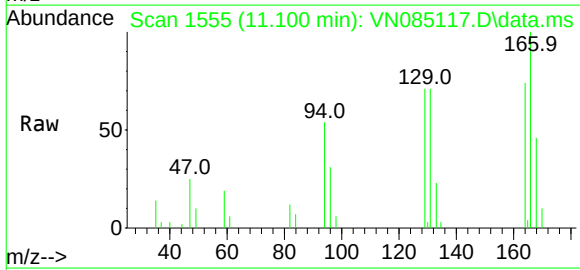
Tgt Ion: 95 Resp: 65235
Ion Ratio Lower Upper
95 100
174 75.0 60.3 90.5
176 70.2 57.4 86.0





#61
Tetrachloroethene
Concen: 5.604 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

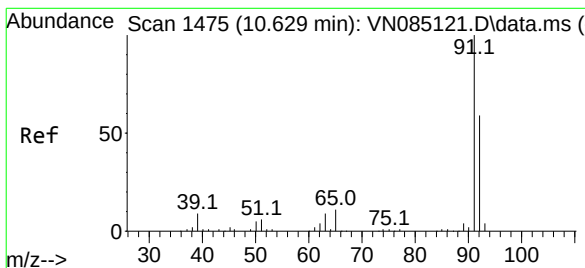
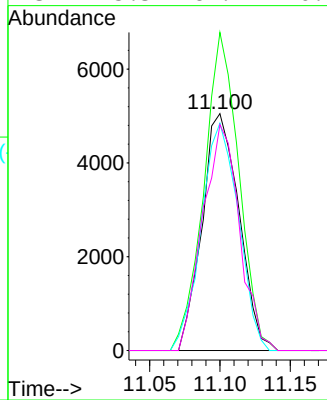
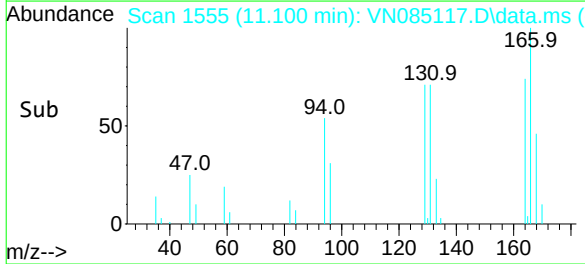
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:164 Resp: 9241
Ion Ratio Lower Upper
164 100
166 134.3 103.8 155.8
129 96.0 84.2 126.4
131 95.3 84.1 126.1

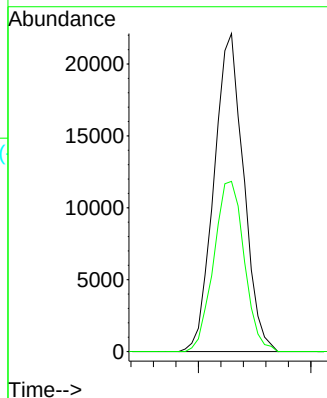
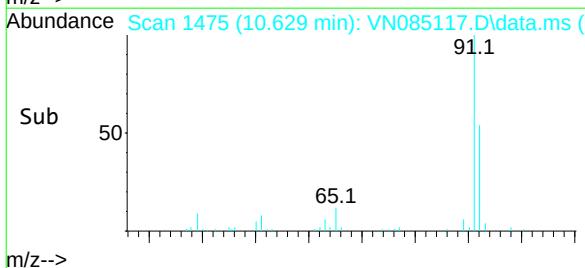
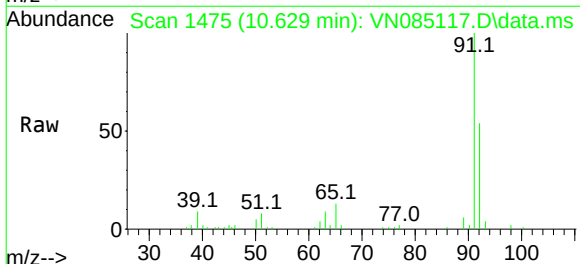
Manual Integrations
APPROVED

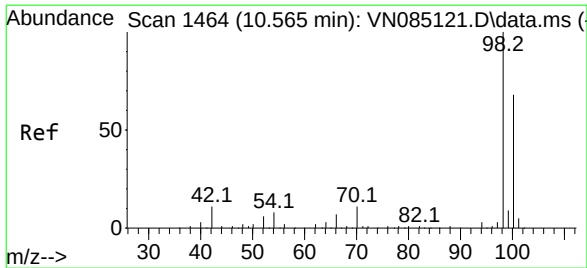
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#62
Toluene
Concen: 5.085 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion: 91 Resp: 40385
Ion Ratio Lower Upper
91 100
92 55.2 46.5 69.7





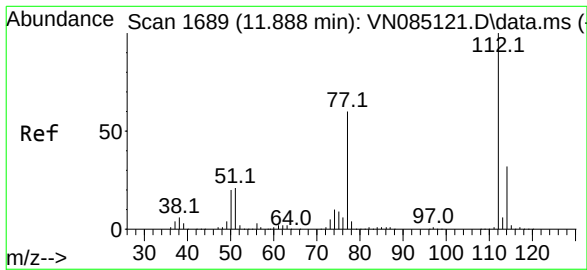
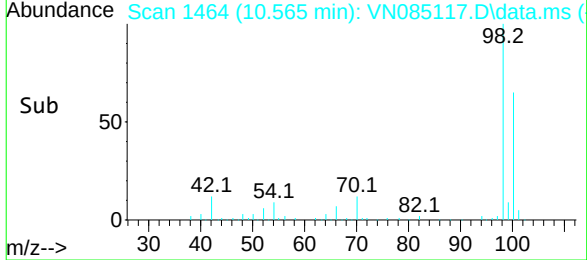
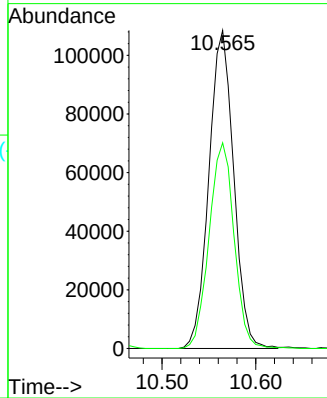
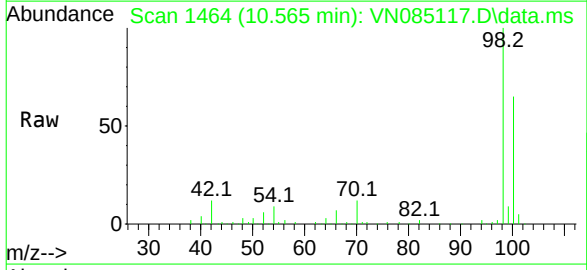
#63
Toluene-d8
Concen: 31.177 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 98 Resp: 199139
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0

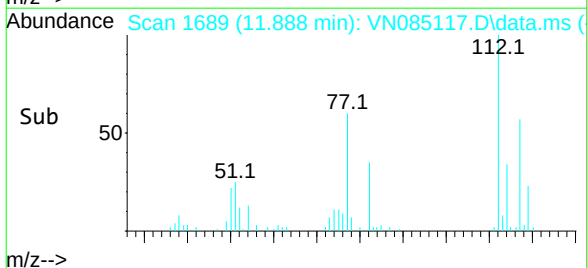
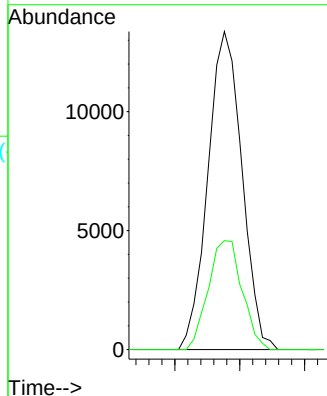
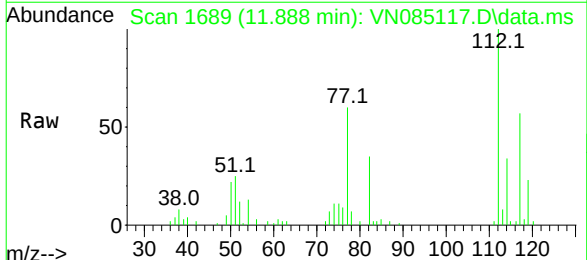
Manual Integrations
APPROVED

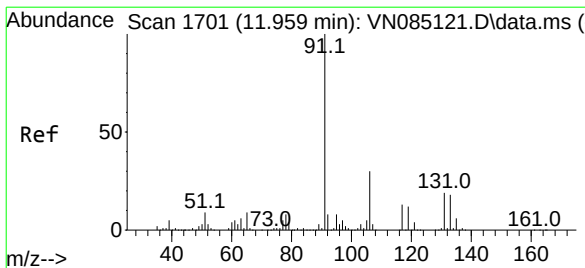
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#64
Chlorobenzene
Concen: 4.972 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

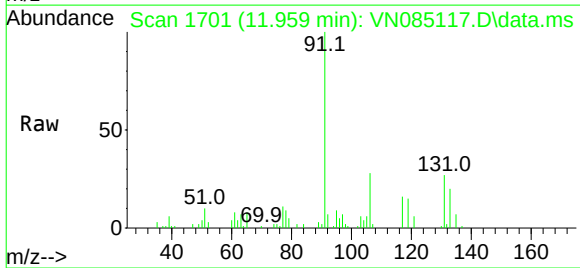
Tgt Ion:112 Resp: 24379
Ion Ratio Lower Upper
112 100
114 34.2 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 5.352 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

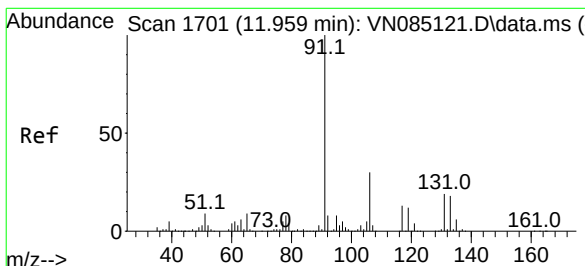
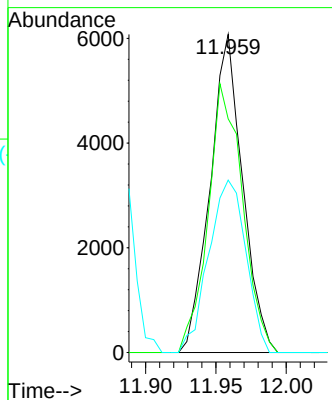
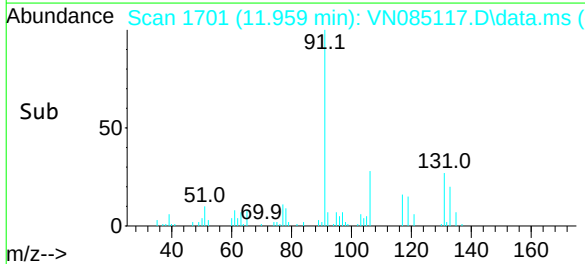
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



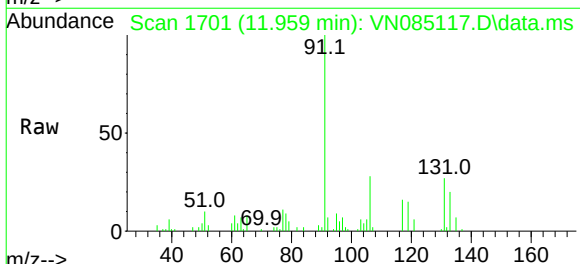
Tgt Ion: 131 Resp: 9796
Ion Ratio Lower Upper
131 100
133 89.3 0.0 194.0
119 61.9 0.0 131.8

Manual Integrations
APPROVED

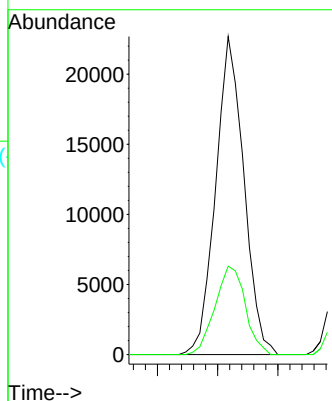
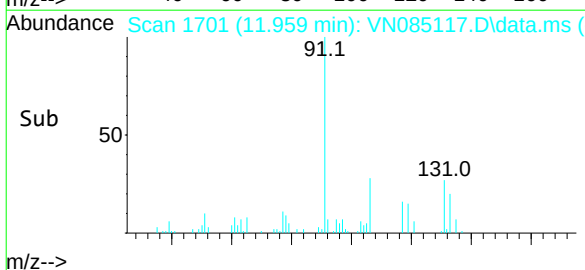
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024

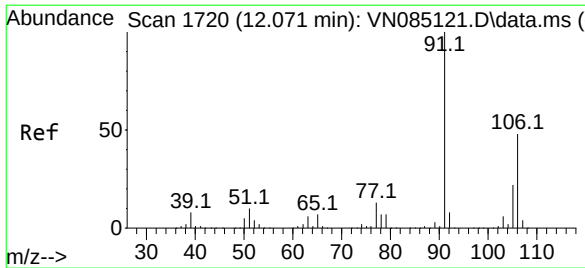


#66
Ethyl Benzene
Concen: 4.380 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02



Tgt Ion: 91 Resp: 36907
Ion Ratio Lower Upper
91 100
106 27.8 23.1 34.7





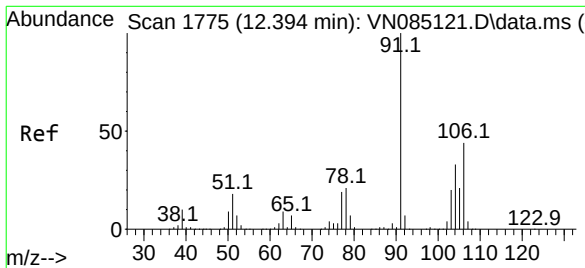
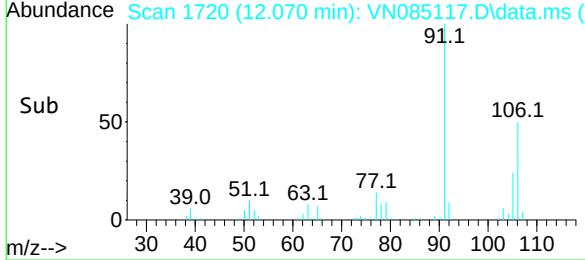
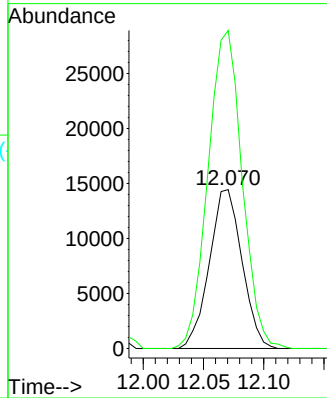
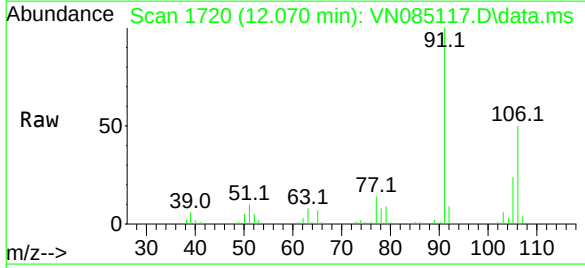
#67
m/p-Xylenes
Concen: 8.414 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 27271
Ion Ratio Lower Upper
106 100
91 208.7 165.0 247.4

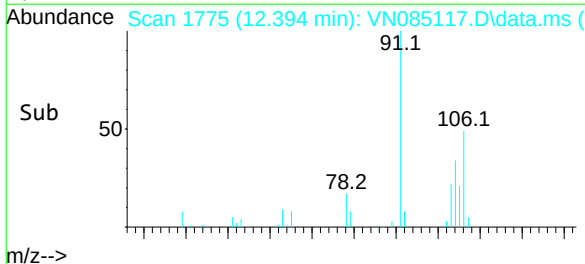
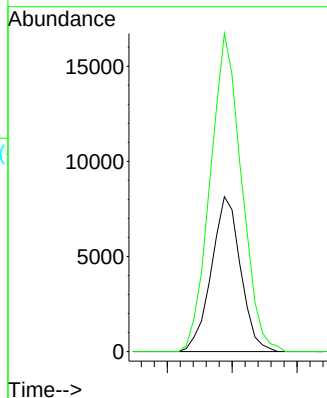
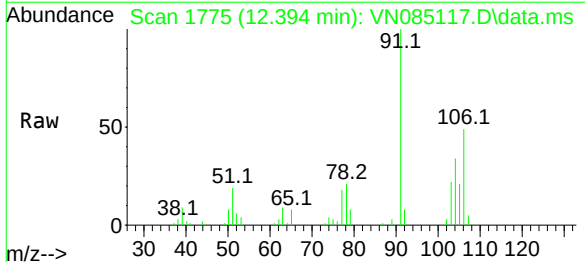
Manual Integrations
APPROVED

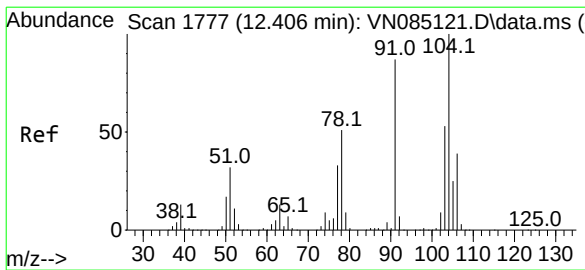
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#68
o-Xylene
Concen: 4.186 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion:106 Resp: 12741
Ion Ratio Lower Upper
106 100
91 220.0 112.1 336.4





#69

Styrene

Concen: 3.918 ug/l

RT: 12.412 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VN085117.D

Acq: 06 Dec 2024 10:02

Instrument :

MSVOA_N

ClientSampleId :

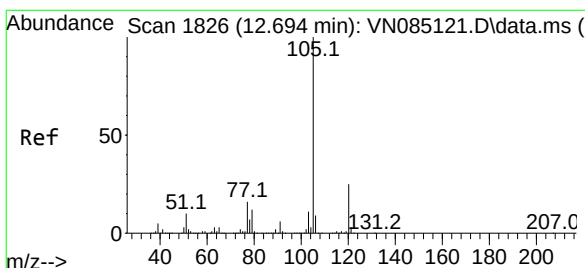
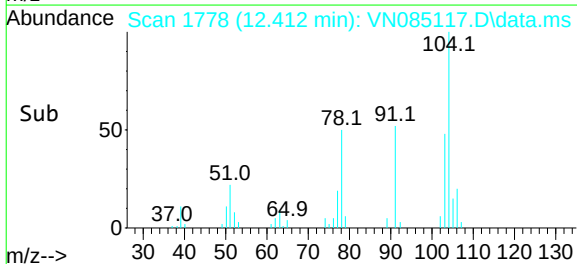
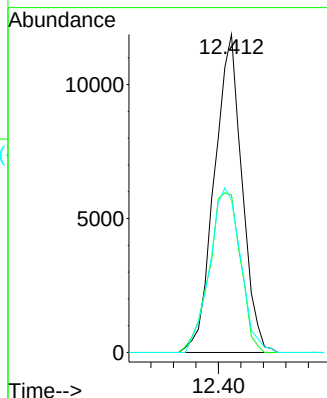
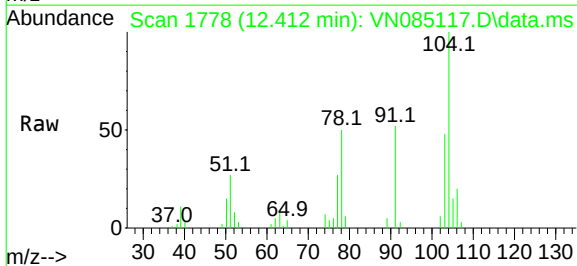
VSTDICC005

Tgt	Ion:104	Resp:	20235
Ion	Ratio	Lower	Upper
104	100		
78	57.0	42.3	63.5
103	58.1	44.4	66.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#70

Isopropylbenzene

Concen: 4.073 ug/l

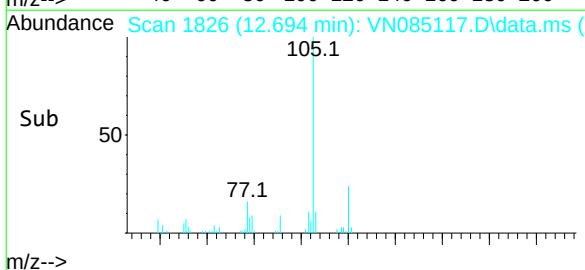
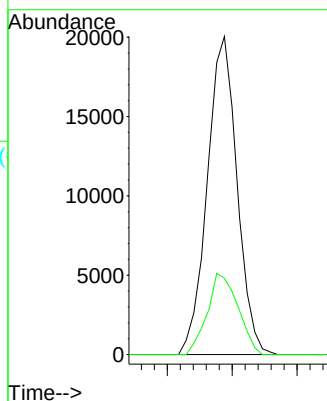
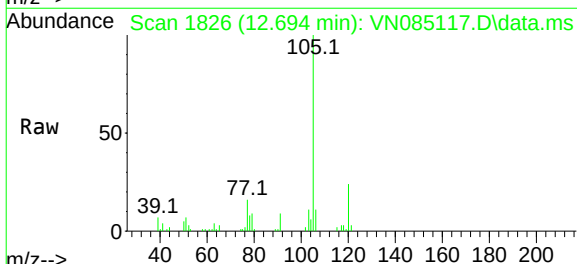
RT: 12.694 min Scan# 1826

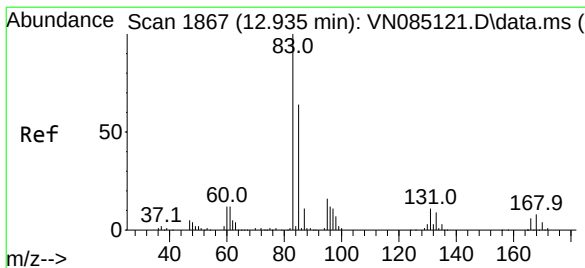
Delta R.T. 0.000 min

Lab File: VN085117.D

Acq: 06 Dec 2024 10:02

Tgt	Ion:105	Resp:	31980
Ion	Ratio	Lower	Upper
105	100		
120	26.3	18.3	33.9





#71

1,1,2,2-Tetrachloroethane

Concen: 5.232 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN085117.D

Acq: 06 Dec 2024 10:02

Instrument :

MSVOA_N

ClientSampleId :

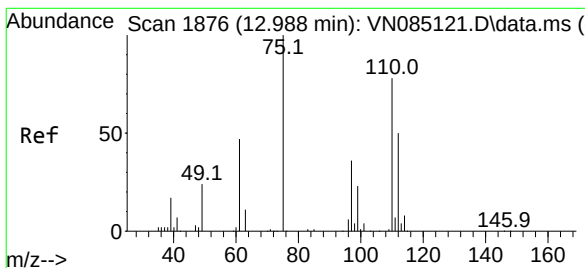
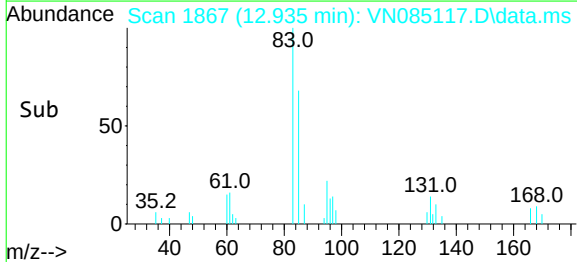
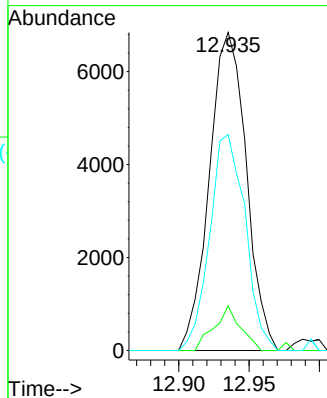
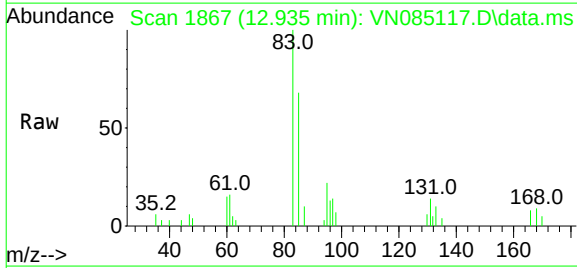
VSTDICC005

Tgt Ion: 83	Resp: 12502
Ion Ratio	Lower Upper
83 100	
131 10.0	5.1 15.3
85 65.2	31.1 93.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#72

1,2,3-Trichloropropane

Concen: 5.597 ug/l m

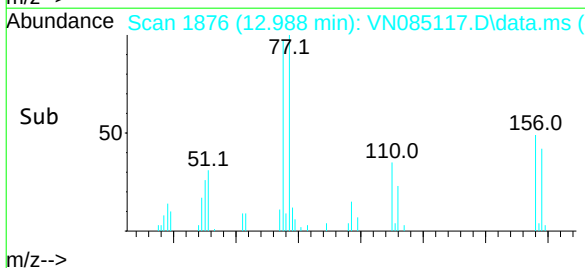
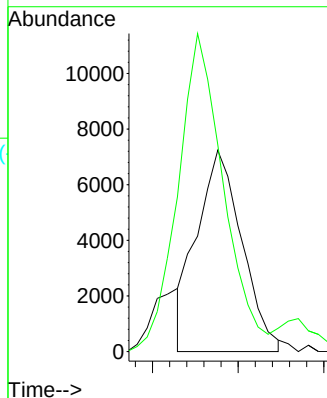
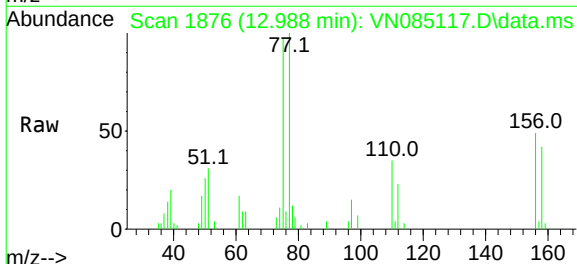
RT: 12.988 min Scan# 1876

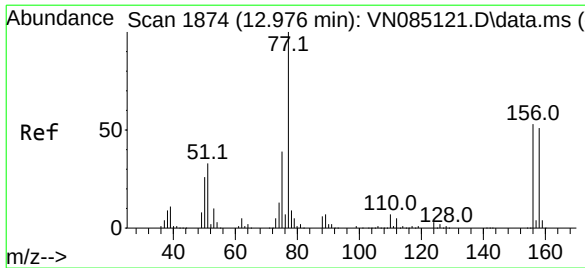
Delta R.T. -0.006 min

Lab File: VN085117.D

Acq: 06 Dec 2024 10:02

Tgt Ion: 75	Resp: 13212
Ion Ratio	Lower Upper
75 100	
77 159.8	0.0 339.0





#73

Bromobenzene

Concen: 4.742 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN085117.D

Acq: 06 Dec 2024 10:02

Instrument :

MSVOA_N

ClientSampleId :

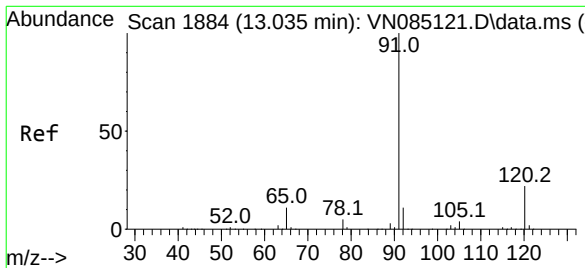
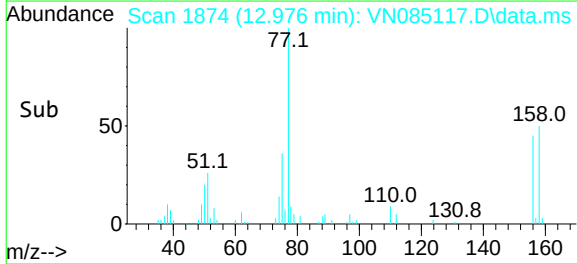
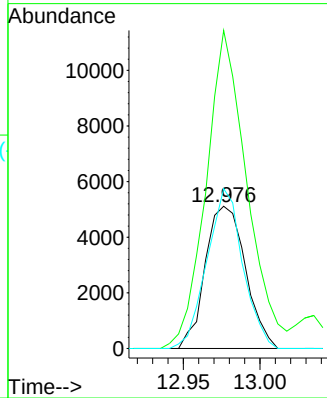
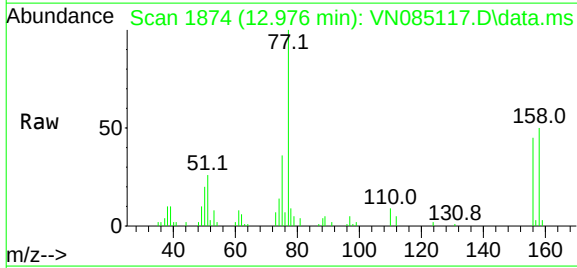
VSTDIC005

Tgt Ion:	156	Resp:	9325
Ion Ratio	Lower	Upper	
156	100		
77	226.5	0.0	430.4
158	100.2	0.0	195.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#74

n-propylbenzene

Concen: 4.194 ug/l

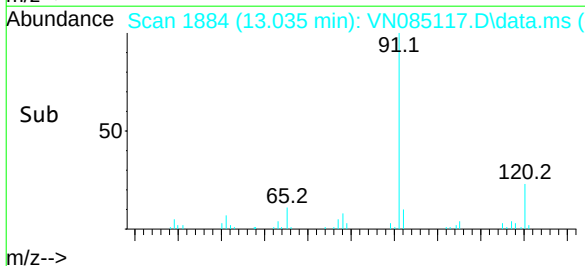
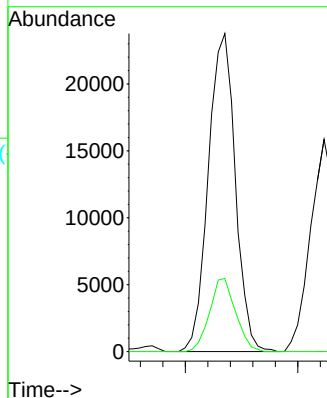
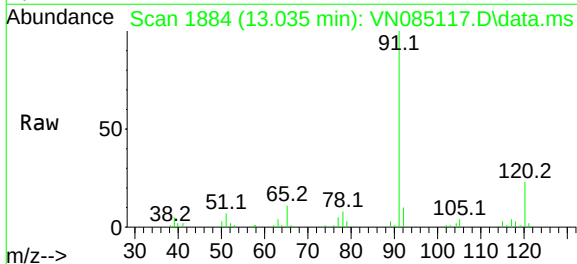
RT: 13.035 min Scan# 1884

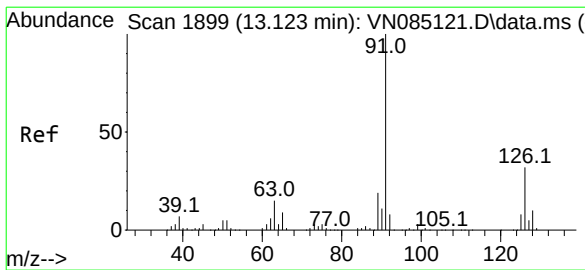
Delta R.T. 0.000 min

Lab File: VN085117.D

Acq: 06 Dec 2024 10:02

Tgt Ion:	91	Resp:	39585
Ion Ratio	Lower	Upper	
91	100		
120	22.2	0.0	44.0





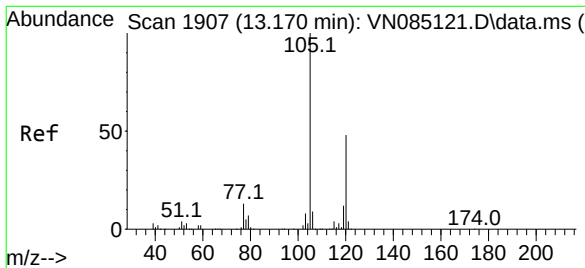
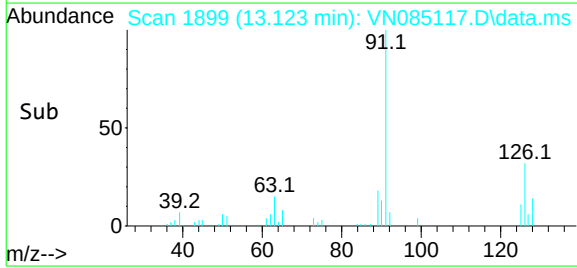
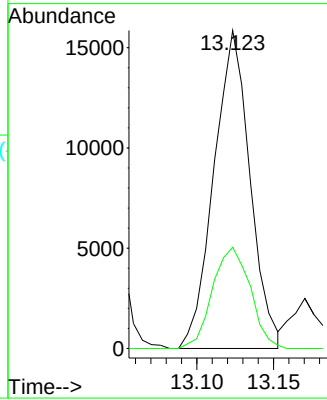
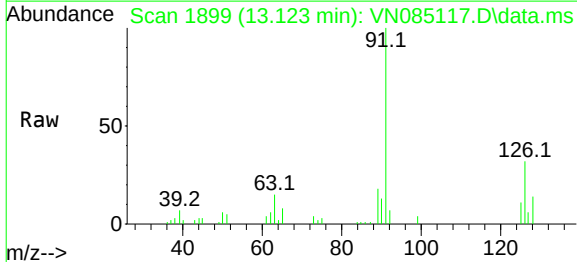
#75
2-Chlorotoluene
Concen: 4.445 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 25942
Ion Ratio Lower Upper
91 100
126 33.2 0.0 64.2

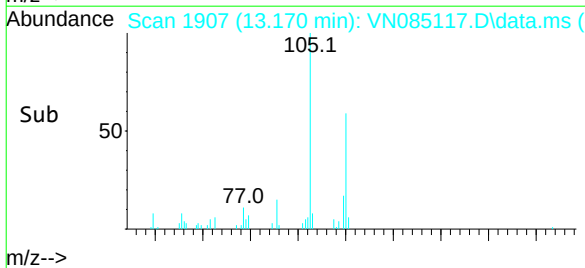
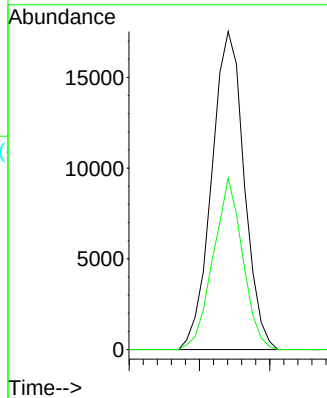
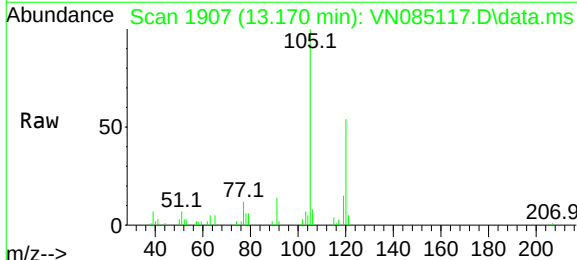
Manual Integrations
APPROVED

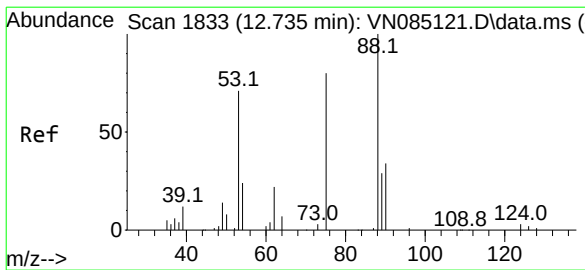
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#76
1,3,5-Trimethylbenzene
Concen: 4.187 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

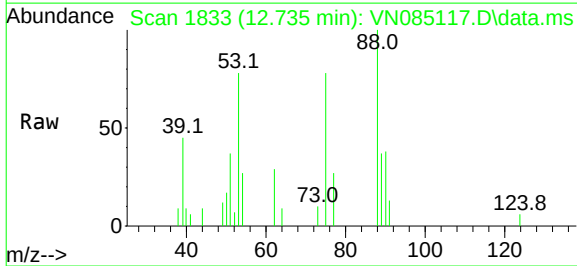
Tgt Ion:105 Resp: 28160
Ion Ratio Lower Upper
105 100
120 48.8 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 4.218 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

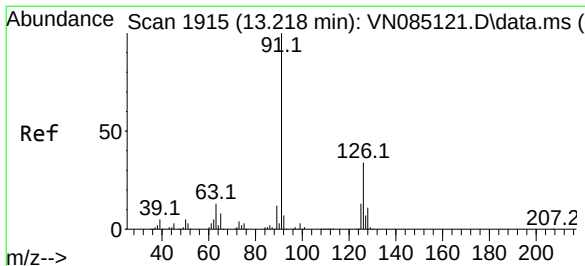
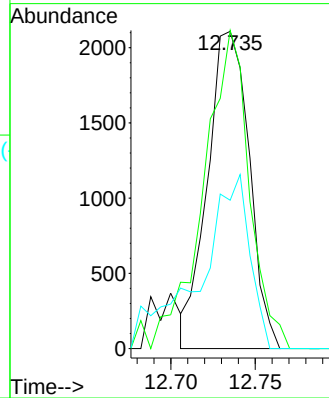
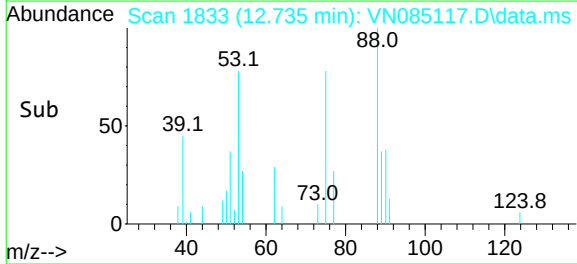
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 75 Resp: 3618
Ion Ratio Lower Upper
75 100
53 92.7 49.1 147.3
89 46.8 22.9 68.5

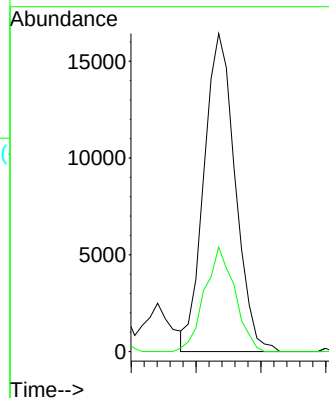
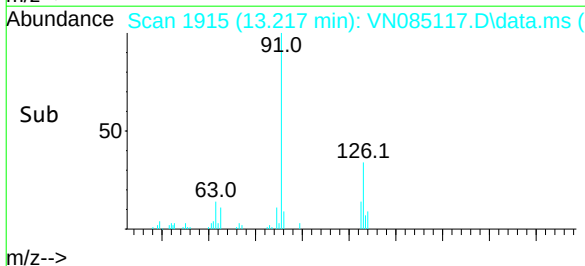
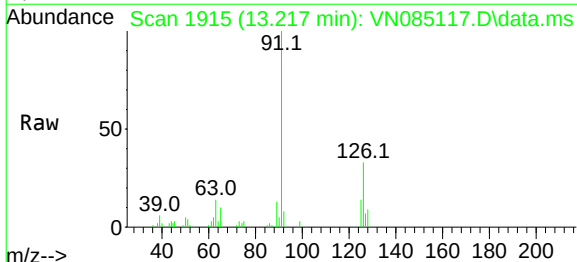
Manual Integrations
APPROVED

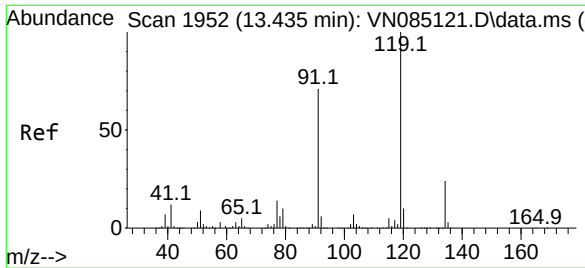
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#78
4-Chlorotoluene
Concen: 4.644 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion: 91 Resp: 27508
Ion Ratio Lower Upper
91 100
126 31.8 0.0 64.4





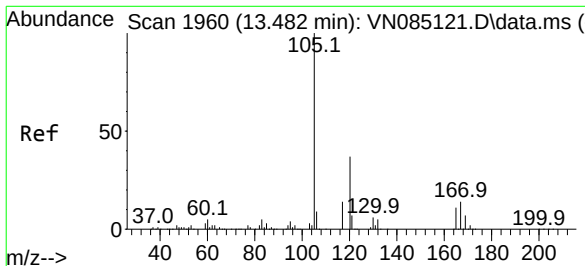
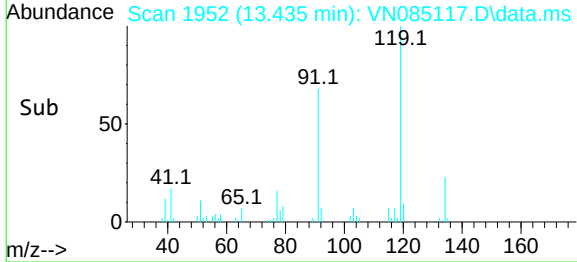
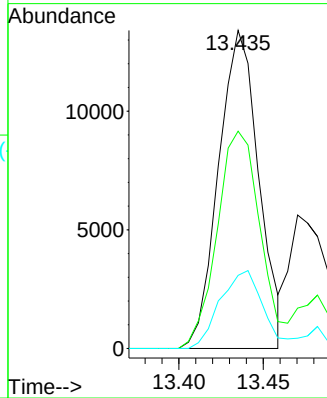
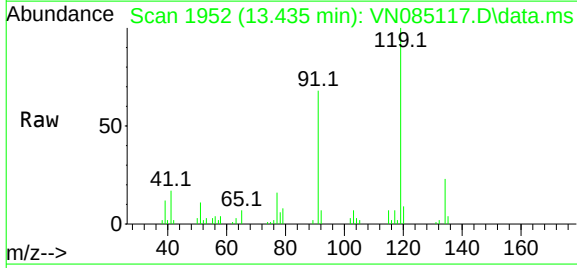
#79
tert-butylbenzene
Concen: 4.019 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 22204
Ion Ratio Lower Upper
119 100
91 73.7 0.0 139.2
134 26.0 0.0 48.0

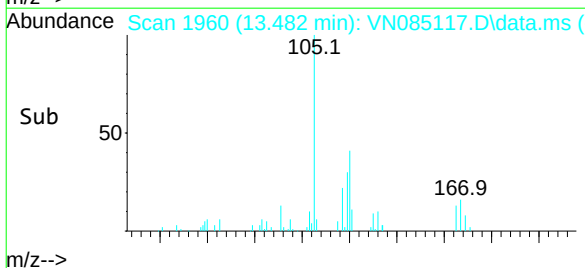
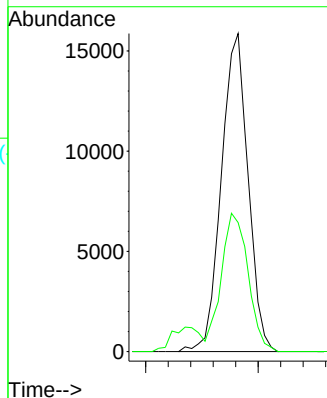
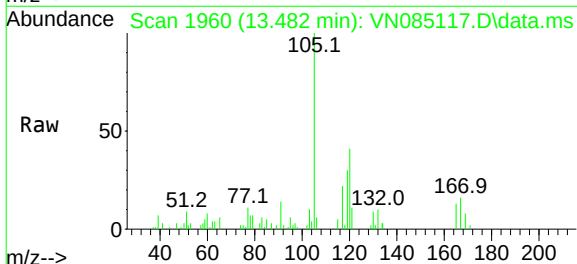
Manual Integrations
APPROVED

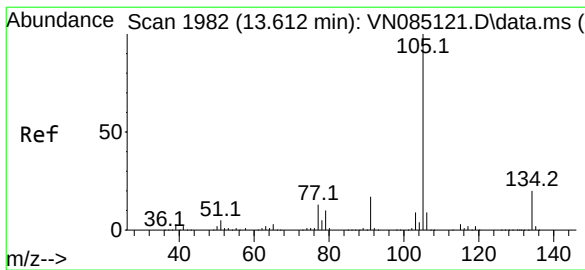
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#80
1,2,4-Trimethylbenzene
Concen: 3.933 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion:105 Resp: 26128
Ion Ratio Lower Upper
105 100
120 43.8 0.0 87.4





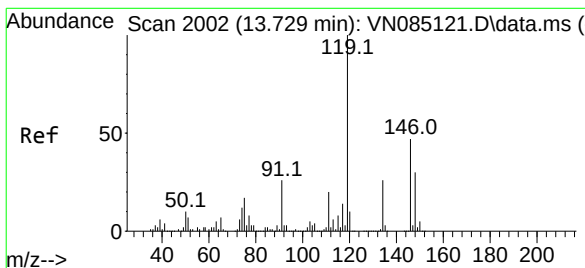
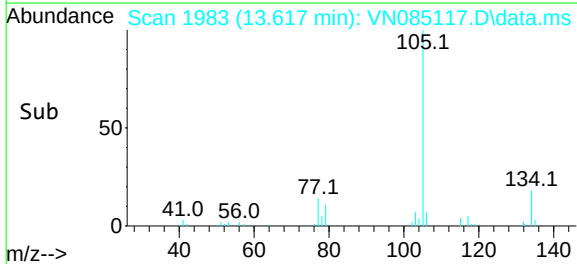
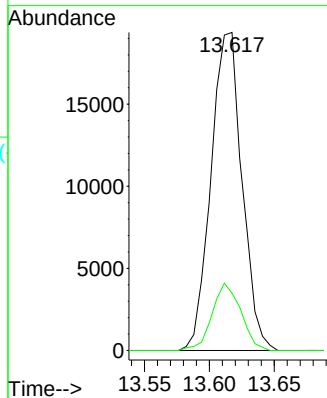
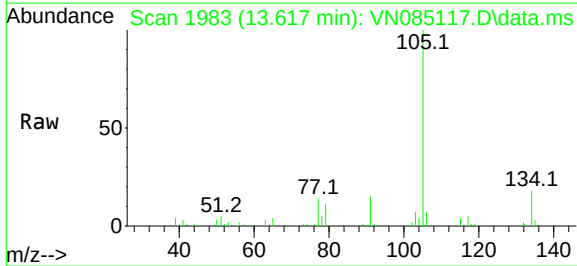
#81
sec-Butylbenzene
Concen: 4.109 ug/l
RT: 13.617 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 32252
Ion Ratio Lower Upper
105 100
134 19.6 0.0 38.0

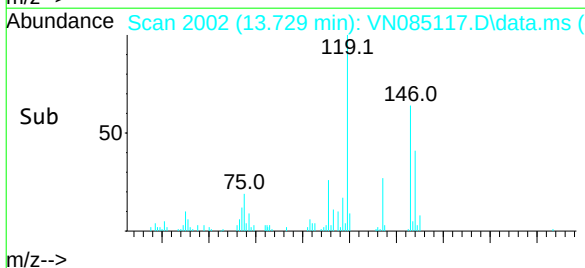
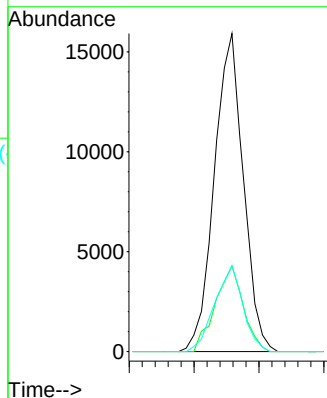
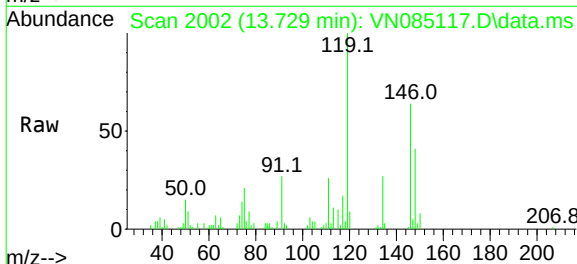
Manual Integrations
APPROVED

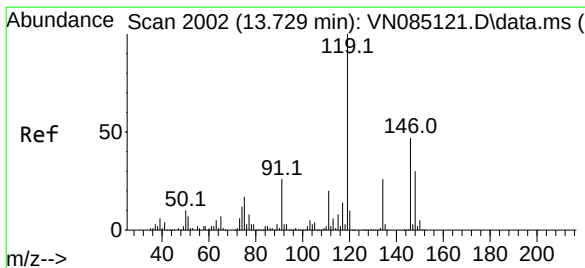
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#82
p-Isopropyltoluene
Concen: 3.803 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion:119 Resp: 24743
Ion Ratio Lower Upper
119 100
134 26.1 0.0 51.6
91 26.2 0.0 50.4





#83

1,3-Dichlorobenzene

Concen: 4.900 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085117.D

Acq: 06 Dec 2024 10:02

Instrument :

MSVOA_N

ClientSampleId :

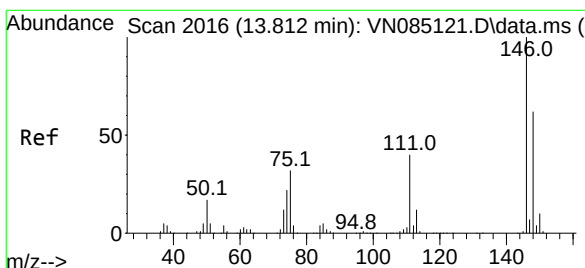
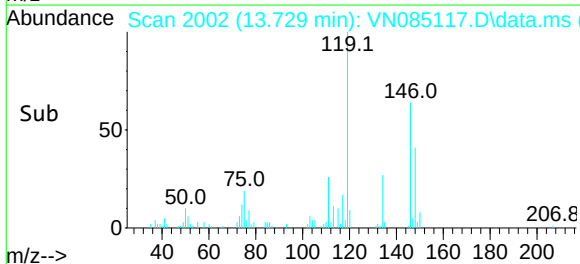
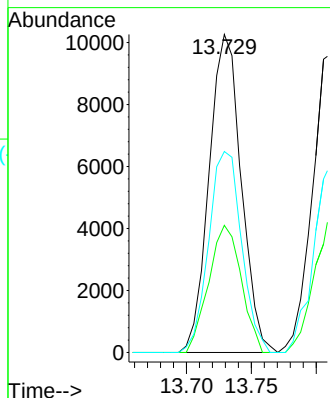
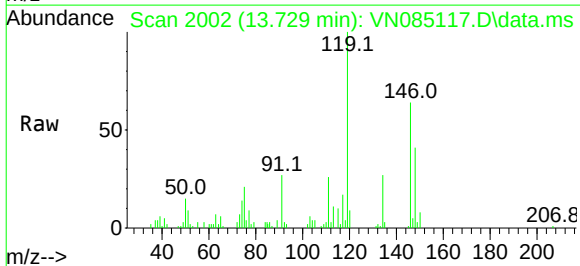
VSTDICC005

Tgt Ion:	146	Resp:	17680
Ion Ratio	Lower	Upper	
146	100		
111	40.5	21.1	63.3
148	64.8	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#84

1,4-Dichlorobenzene

Concen: 4.680 ug/l

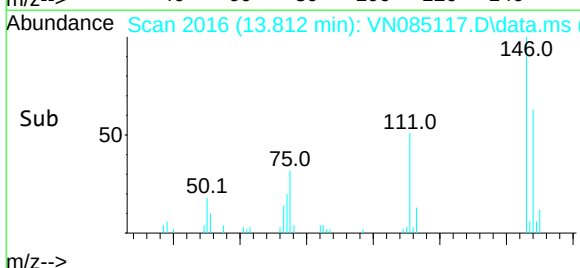
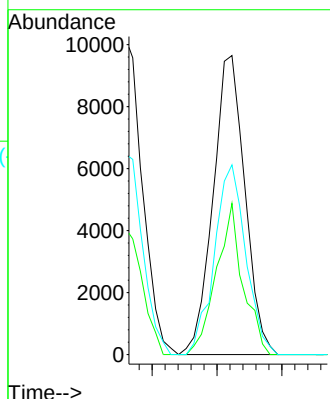
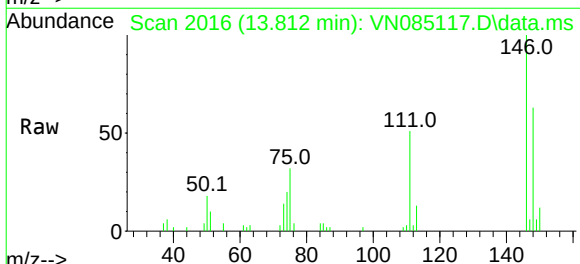
RT: 13.812 min Scan# 2016

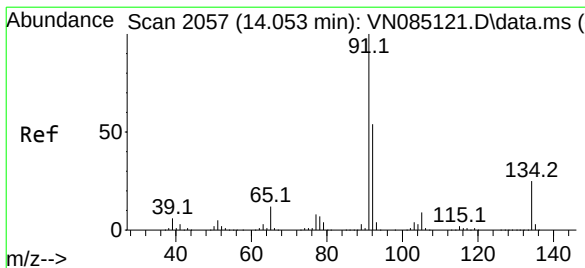
Delta R.T. 0.000 min

Lab File: VN085117.D

Acq: 06 Dec 2024 10:02

Tgt Ion:	146	Resp:	16455
Ion Ratio	Lower	Upper	
146	100		
111	42.3	20.1	60.3
148	62.6	31.6	94.7





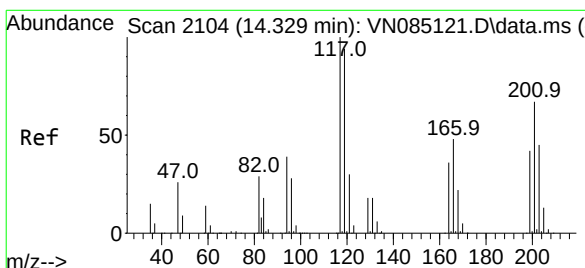
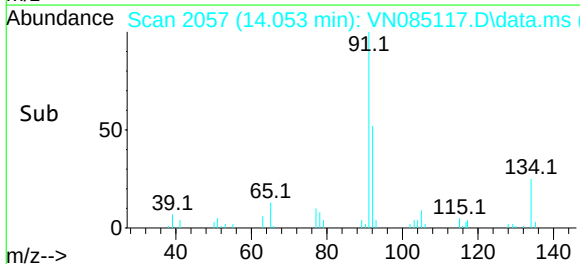
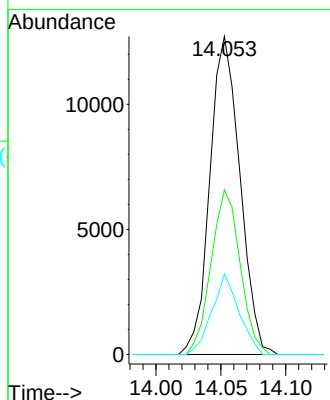
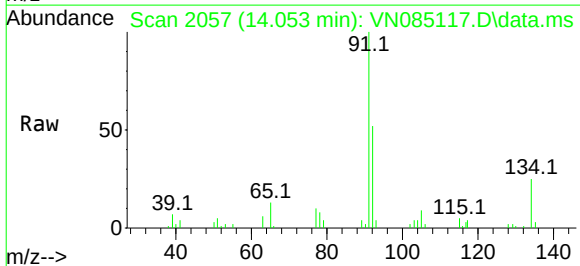
#85
n-Butylbenzene
Concen: 3.756 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:	91	Resp:	20500
Ion	Ratio	Lower	Upper
91	100		
92	50.0	0.0	104.0
134	22.8	0.0	49.2

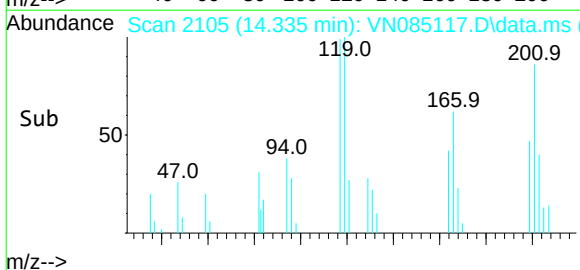
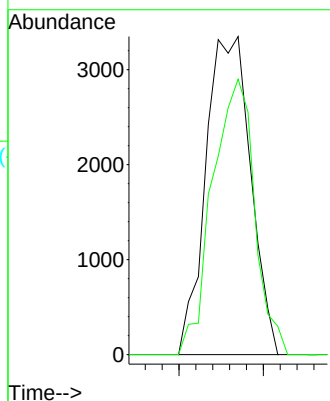
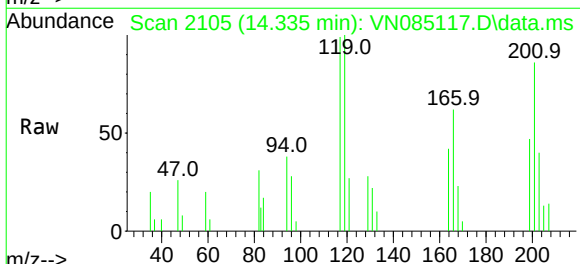
Manual Integrations
APPROVED

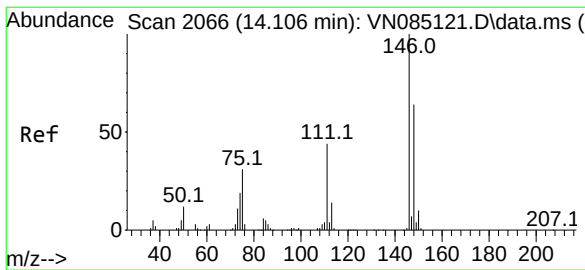
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#86
Hexachloroethane
Concen: 4.778 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion:	117	Resp:	6189
Ion	Ratio	Lower	Upper
117	100		
201	81.3	34.1	102.3





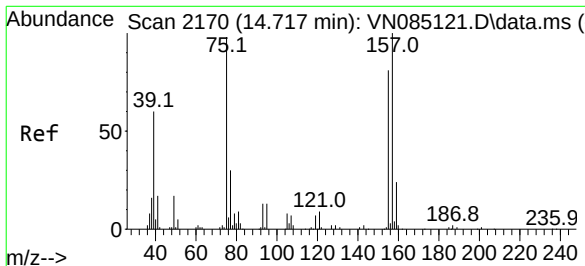
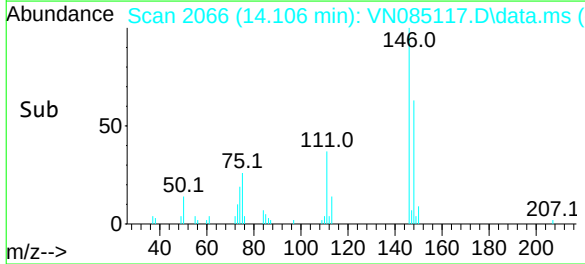
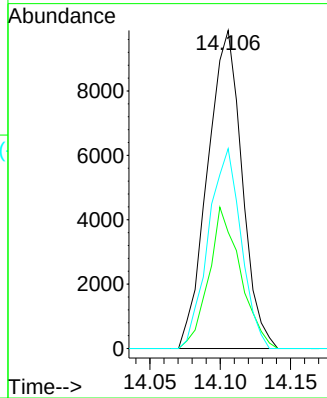
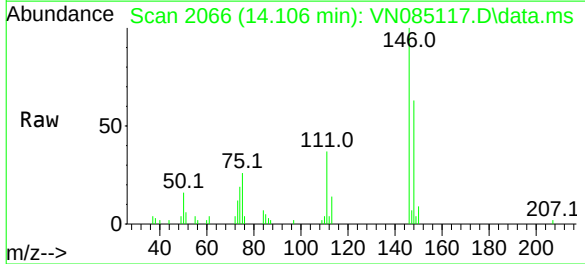
#87
1,2-Dichlorobenzene
Concen: 4.950 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	21.9	65.7
148	59.8	32.4	97.0

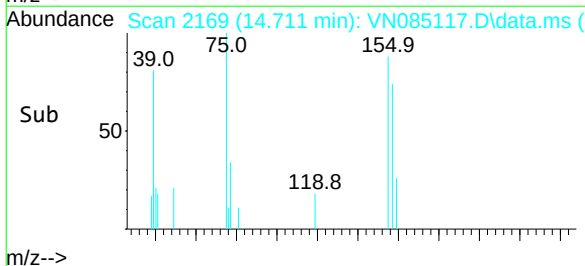
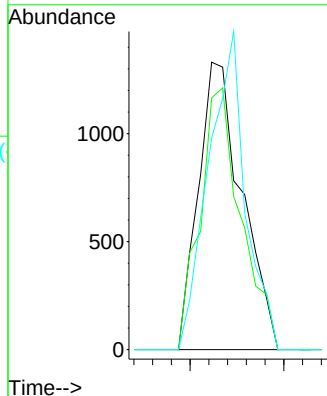
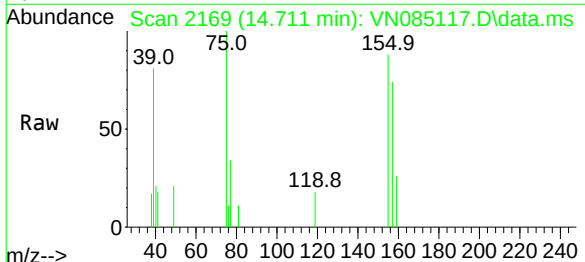
Manual Integrations
APPROVED

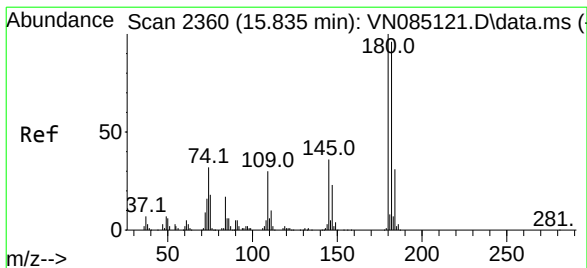
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 4.495 ug/l
RT: 14.711 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.4	62.1	93.1
157	94.2	79.3	118.9





#89

1,2,4-Trichlorobenzene

Concen: 3.806 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085117.D

Acq: 06 Dec 2024 10:02

Instrument :

MSVOA_N

ClientSampleId :

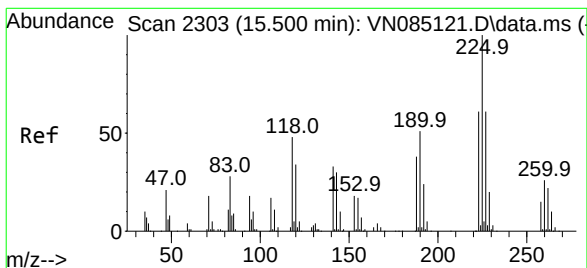
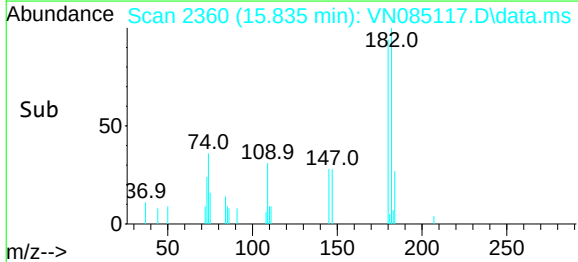
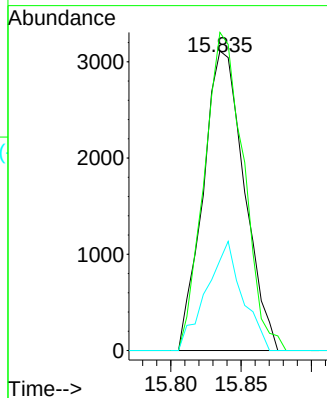
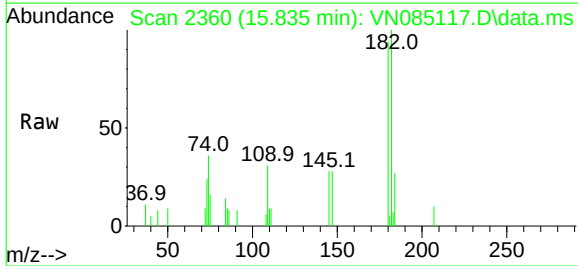
VSTDICC005

Tgt Ion:	180	Resp:	6347
Ion Ratio	Lower	Upper	
180	100		
182	101.3	74.0	111.0
145	31.8	28.6	43.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#90

Hexachlorobutadiene

Concen: 5.392 ug/l

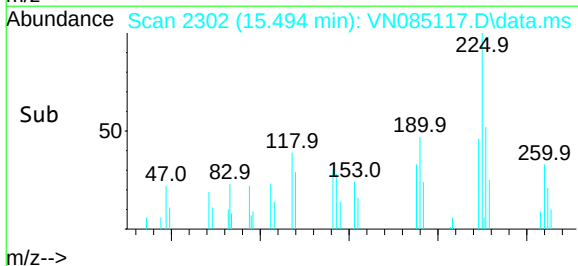
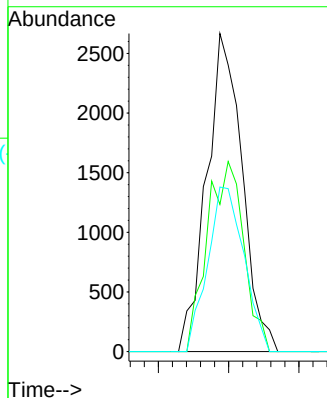
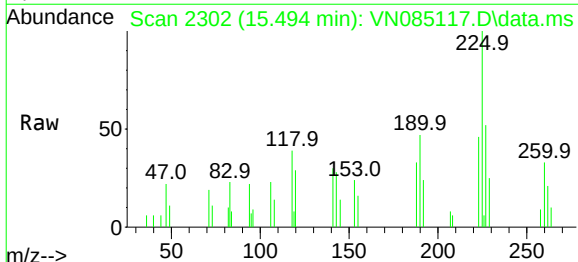
RT: 15.494 min Scan# 2302

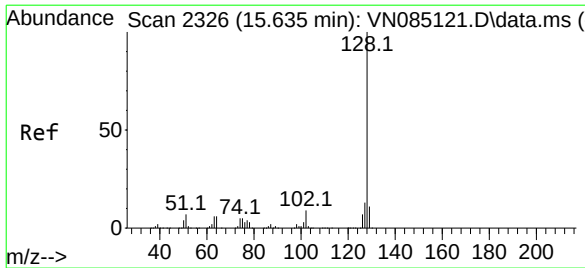
Delta R.T. -0.006 min

Lab File: VN085117.D

Acq: 06 Dec 2024 10:02

Tgt Ion:	225	Resp:	4673
Ion Ratio	Lower	Upper	
225	100		
223	61.7	0.0	121.8
227	53.0	0.0	126.8





#91

Naphthalene

Concen: 3.083 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.006 min

Lab File: VN085117.D

Acq: 06 Dec 2024 10:02

Instrument :

MSVOA_N

ClientSampleId :

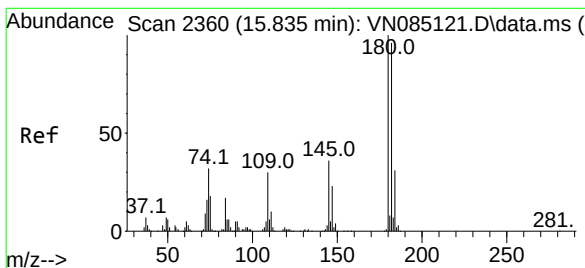
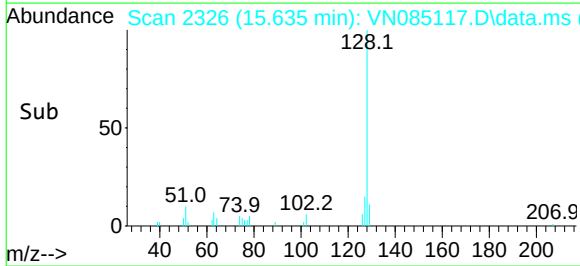
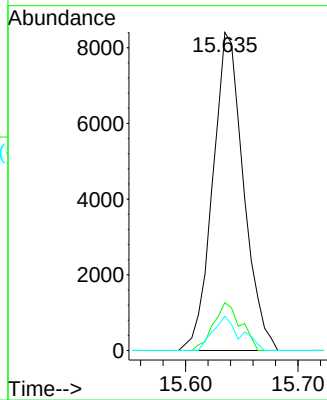
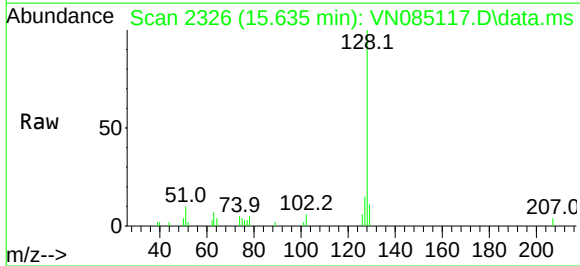
VSTDICC005

Tgt Ion:	128	Resp:	15972
Ion Ratio	Lower	Upper	
128	100		
127	13.3	11.0	16.4
129	7.3	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#92

1,2,3-Trichlorobenzene

Concen: 3.806 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085117.D

Acq: 06 Dec 2024 10:02

Tgt Ion:	180	Resp:	6347
Ion Ratio	Lower	Upper	
180	100		
182	101.3	0.0	185.0
145	31.8	0.0	71.6

