

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100824\
 Data File : VN084337.D
 Acq On : 08 Oct 2024 09:43
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 09 02:05:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:04:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/09/2024
 Supervised By : Mahesh Dadoda 10/09/2024

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

Internal Standards						
1) Bromochloromethane	7.818	128	33784	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	181536	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	171821	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	80830	29.718	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.067%		
60) 4-Bromofluorobenzene	12.847	95	88349	31.155	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	103.867%		
63) Toluene-d8	10.565	98	240116	30.166	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.567%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	301403	146.123	ug/l	96
3) Chloromethane	2.359	50	349225	148.780	ug/l	99
4) Vinyl Chloride	2.512	62	340879	148.089	ug/l	97
5) Bromomethane	2.924	94	208863	136.955	ug/l	99
6) Chloroethane	3.100	64	213547	141.510	ug/l	95
7) Trichlorofluoromethane	3.489	101	546712	145.812	ug/l	99
8) Diethyl Ether	3.959	74	206608	149.881	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	314320	149.095	ug/l	98
10) 1,1-Dichloroethene	4.330	96	309616	147.186	ug/l	92
11) Methyl Iodide	4.583	142	422778	152.937	ug/l	99
12) Methyl Acetate	5.018	43	402489	152.836	ug/l	99
13) Acrolein	4.177	56	371221	758.829	ug/l	100
14) Acrylonitrile	5.718	53	902986	763.216	ug/l	99
15) Acetone	4.424	58	277575	821.289	ug/l	95
16) Carbon Disulfide	4.706	76	909776	145.236	ug/l	100
17) Allyl chloride	5.018	41	511759	150.078	ug/l	95
18) Methylene Chloride	5.271	84	349106	147.322	ug/l	98
19) trans-1,2-Dichloroethene	5.783	96	329107	147.827	ug/l	97
20) Diisopropyl ether	6.671	45	1114091	151.956	ug/l	96
21) 1,1-Dichloroethane	6.571	63	620566	147.512	ug/l	97
22) cis-1,2-Dichloroethene	7.482	96	392124	151.363	ug/l	98
23) tert-Butyl Alcohol	5.524	59	333149	734.096	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	1068810	152.038	ug/l #	85
25) Chloroform	7.965	83	634973	149.030	ug/l	99
26) Cyclohexane	8.253	56	539286	153.272	ug/l #	97
29) 1,1-Dichloropropene	8.371	75	461334	154.807	ug/l	100
30) 2-Butanone	7.482	43	1249418	787.459	ug/l	99
31) 2,2-Dichloropropane	7.488	77	549477	156.907	ug/l #	80
32) 1,1,1-Trichloroethane	8.165	97	571549	150.045	ug/l	99
33) Carbon Tetrachloride	8.359	117	504637	152.921	ug/l	97
34) Benzene	8.606	78	1425580	152.821	ug/l	96
35) Methacrylonitrile	7.777	41	279509	165.128	ug/l	99
36) 1,2-Dichloroethane	8.671	62	471651	151.686	ug/l	100
37) Trichloroethene	9.353	130	324930	151.266	ug/l	95
38) Methylcyclohexane	9.600	83	538684	164.564	ug/l	99
39) 1,2-Dichloropropane	9.618	63	348207	153.071	ug/l	97
40) Dibromomethane	9.706	93	243118	152.917	ug/l	98
41) Bromodichloromethane	9.888	83	515968	152.872	ug/l	94
42) Vinyl Acetate	6.600	43	4357419	789.646	ug/l	100

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Manual Integrations
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Quant Time: Oct 09 02:05:45 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	484255	154.753	ug/l	100
44) Isopropyl Acetate	8.688	43	808933	157.943	ug/l	99
45) 1,4-Dioxane	9.694	88	147762	3200.393	ug/l	98
46) Methyl methacrylate	9.676	41	391545	158.224	ug/l	100
47) n-amyl Acetate	12.494	43	752246	165.124	ug/l	97
48) t-1,3-Dichloropropene	10.835	75	547316	156.926	ug/l	97
49) cis-1,3-Dichloropropene	10.312	75	578523	158.273	ug/l	98
50) 1,1,2-Trichloroethane	11.018	97	323065	151.179	ug/l	96
51) Ethyl methacrylate	10.870	69	581930	164.863	ug/l	95
52) 1,3-Dichloropropane	11.165	76	568999	152.279	ug/l	99
53) Dibromochloromethane	11.359	129	390970	154.875	ug/l	100
54) 1,2-Dibromoethane	11.470	107	336624	153.033	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	1333727	833.093	ug/l	99
56) Bromoform	12.576	173	268044	160.094	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	2491181	778.311	ug/l	99
59) 2-Hexanone	11.194	43	1891152	795.133	ug/l	99
61) Tetrachloroethene	11.106	164	290573	149.507	ug/l	97
62) Toluene	10.629	91	1525116	151.621	ug/l	99
64) Chlorobenzene	11.894	112	946501	151.211	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.959	131	331211	152.311	ug/l	99
66) Ethyl Benzene	11.964	91	1749567	160.094	ug/l	99
67) m/p-Xylenes	12.070	106	1319448	318.270	ug/l	100
68) o-Xylene	12.394	106	633813	158.611	ug/l	99
69) Styrene	12.412	104	1107376	161.432	ug/l	99
70) Isopropylbenzene	12.694	105	1625283	159.320	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	483003	153.053	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	422311m	156.469	ug/l	
73) Bromobenzene	12.982	156	383306	155.148	ug/l	100
74) n-propylbenzene	13.035	91	1966655	161.778	ug/l	99
75) 2-Chlorotoluene	13.123	91	1199693	158.816	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	1386742	161.447	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	193413	167.468	ug/l	98
78) 4-Chlorotoluene	13.223	91	1227049	159.769	ug/l	100
79) tert-butylbenzene	13.435	119	1182498	161.368	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	1410559	161.849	ug/l	100
81) sec-Butylbenzene	13.617	105	1643555	162.908	ug/l	99
82) p-Isopropyltoluene	13.729	119	1409541	165.992	ug/l	100
83) 1,3-Dichlorobenzene	13.735	146	731253	159.183	ug/l	99
84) 1,4-Dichlorobenzene	13.811	146	723724	158.652	ug/l	99
85) n-Butylbenzene	14.053	91	1274832	173.335	ug/l	98
86) Hexachloroethane	14.335	117	259393	158.553	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	696639	156.847	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	102940	159.510	ug/l	97
89) 1,2,4-Trichlorobenzene	15.841	180	374861	162.329	ug/l	99
90) Hexachlorobutadiene	15.500	225	157242	147.184	ug/l	97
91) Naphthalene	15.641	128	1334733	170.565	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	374861	162.329	ug/l	99

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

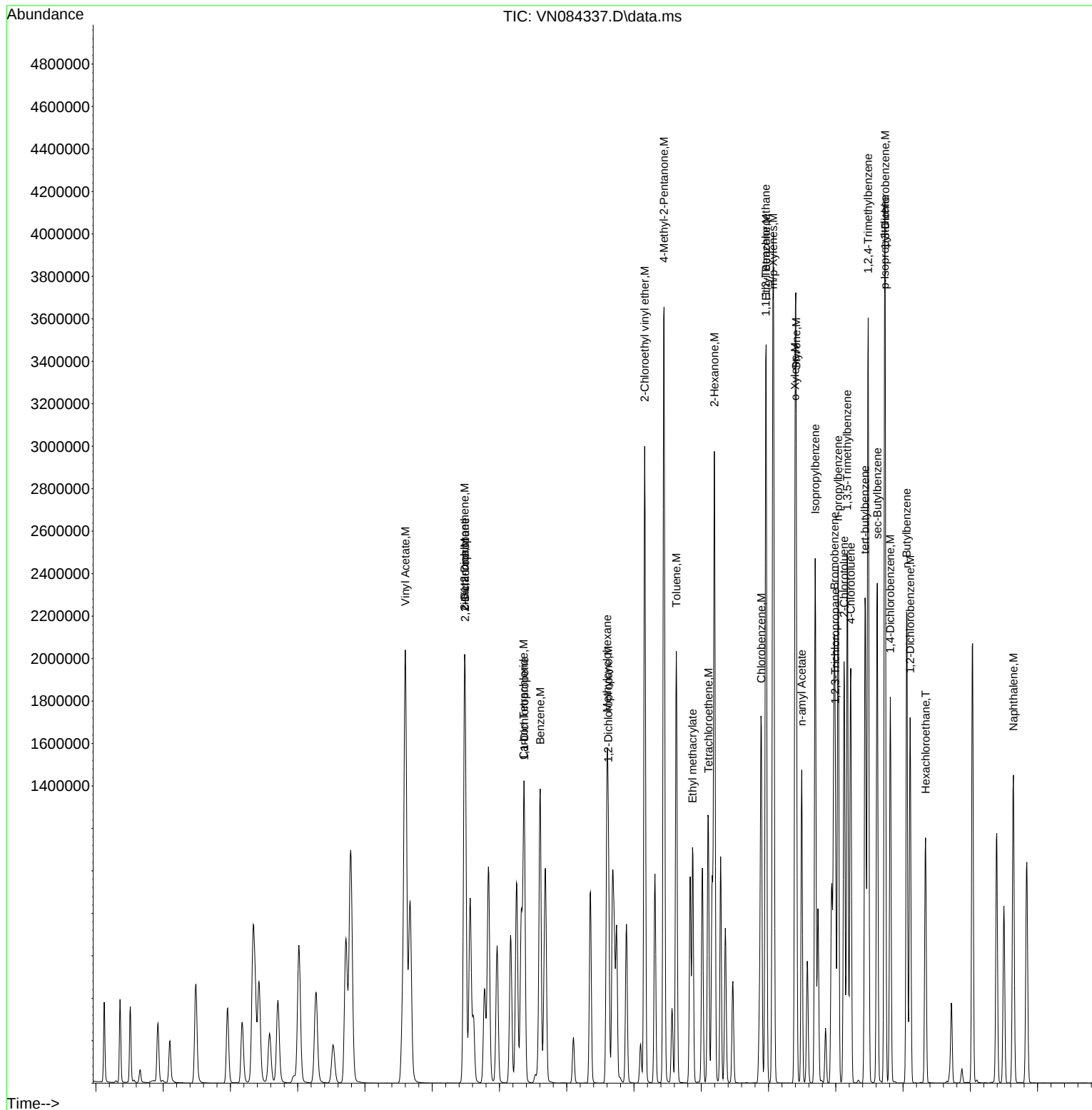
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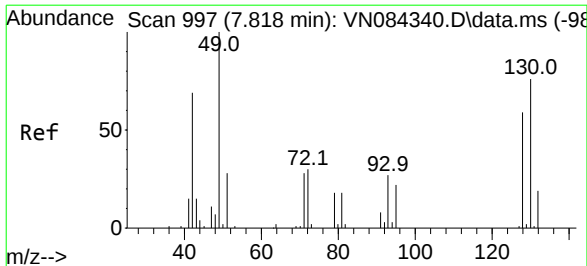
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

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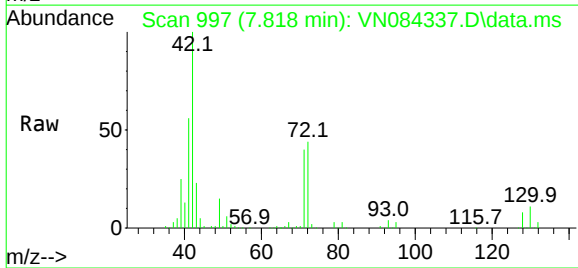
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 09 02:04:33 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

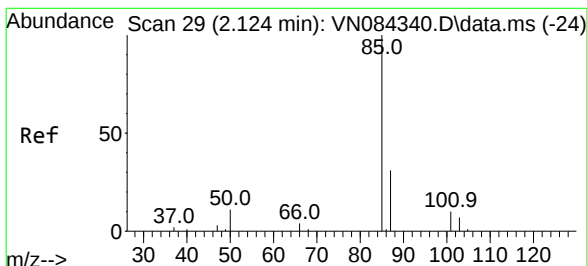
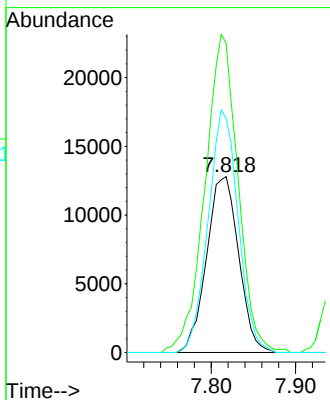
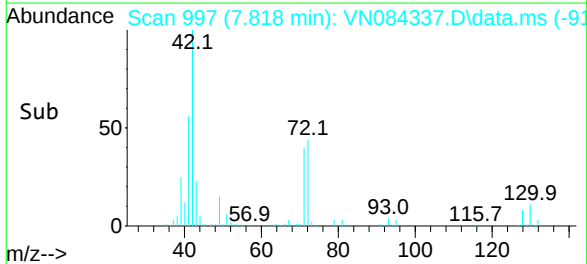
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion:128 Resp: 33784
Ion Ratio Lower Upper
128 100
49 185.9 0.0 430.0
130 129.4 0.0 329.8

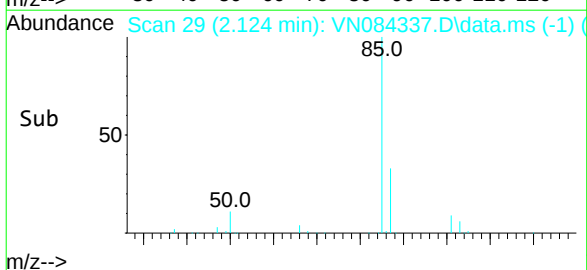
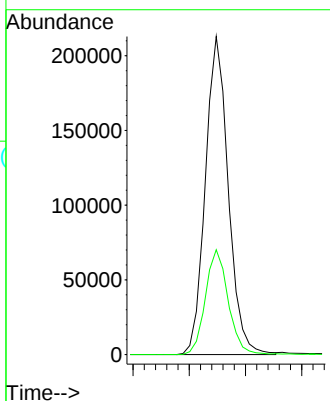
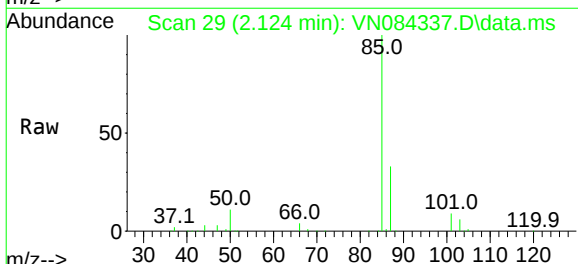
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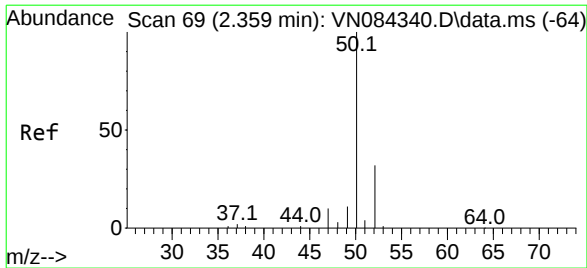
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#2
Dichlorodifluoromethane
Concen: 146.123 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

Tgt Ion: 85 Resp: 301403
Ion Ratio Lower Upper
85 100
87 33.0 15.4 46.4





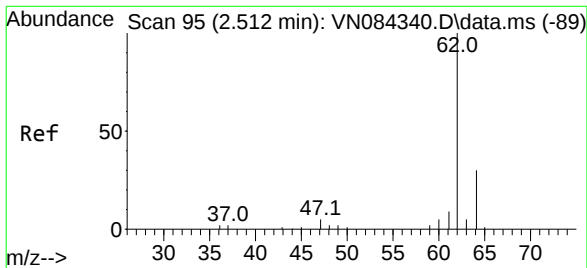
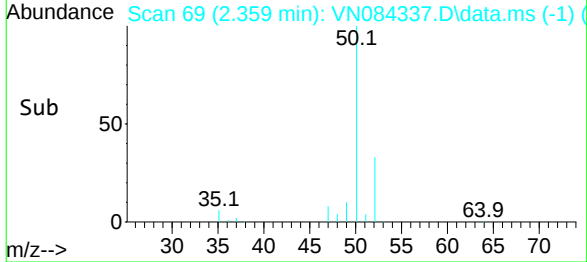
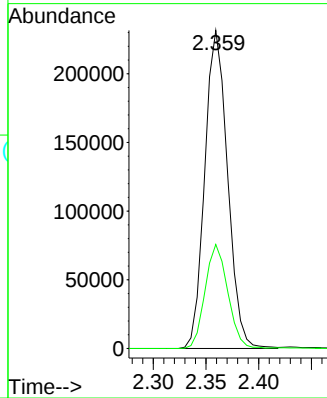
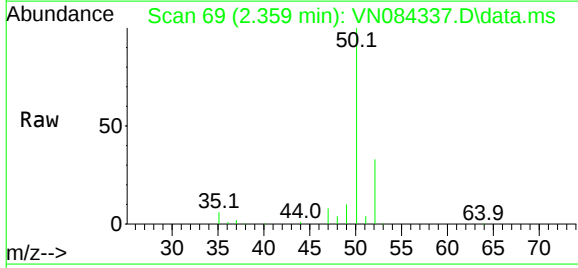
#3
Chloromethane
Concen: 148.780 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

Instrument :
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Tgt Ion: 50 Resp: 349225
Ion Ratio Lower Upper
50 100
52 32.7 25.8 38.6

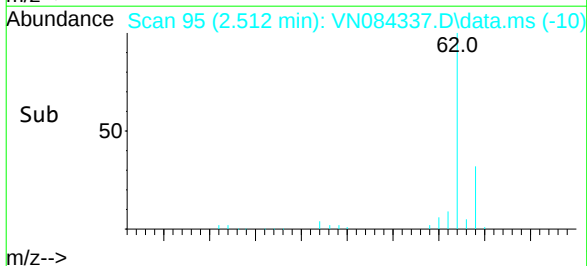
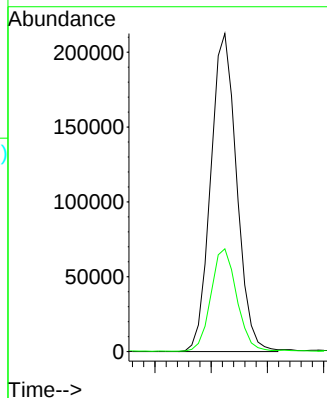
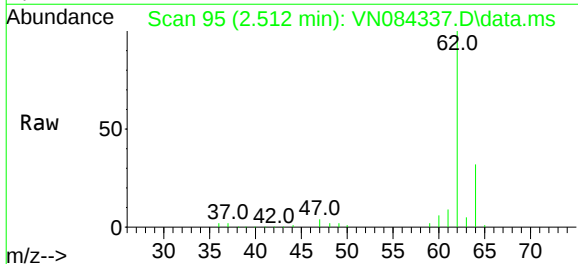
Manual Integrations
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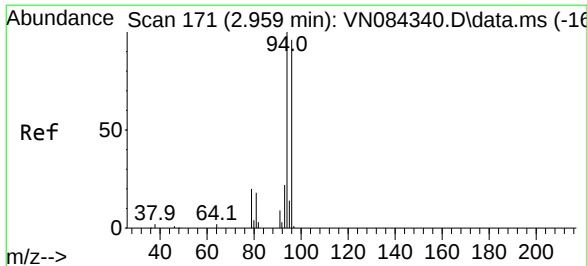
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#4
Vinyl Chloride
Concen: 148.089 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

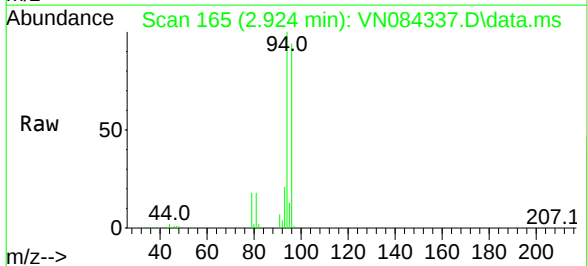
Tgt Ion: 62 Resp: 340879
Ion Ratio Lower Upper
62 100
64 32.2 24.3 36.5





#5
Bromomethane
Concen: 136.955 ug/l
RT: 2.924 min Scan# 16
Delta R.T. -0.035 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

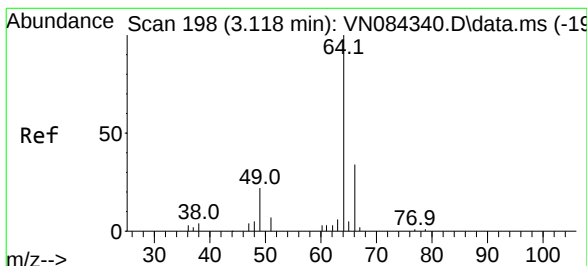
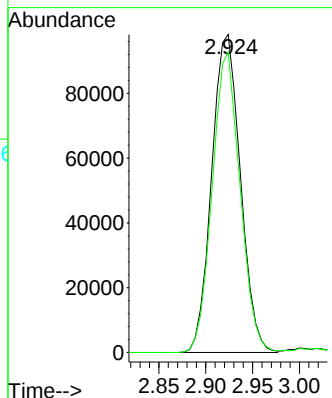
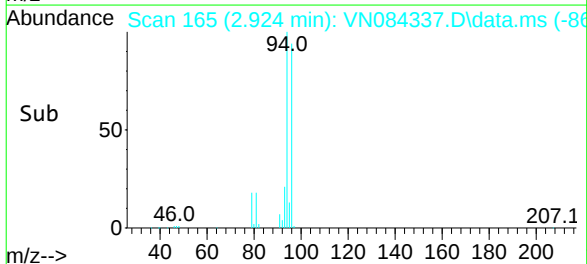
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 94 Resp: 208863
Ion Ratio Lower Upper
94 100
96 94.5 76.7 115.1

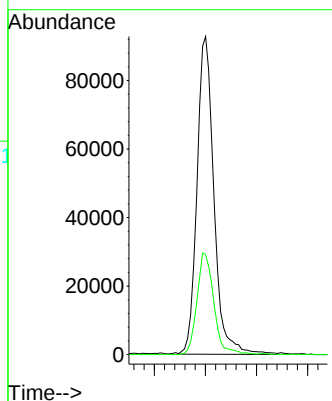
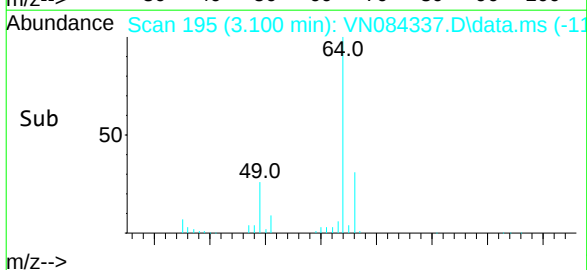
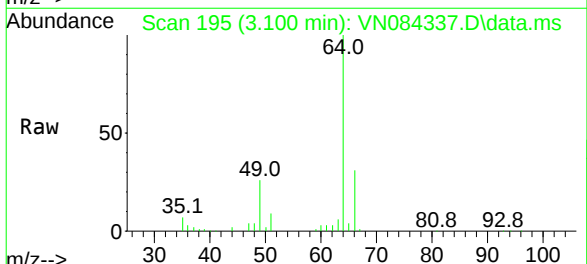
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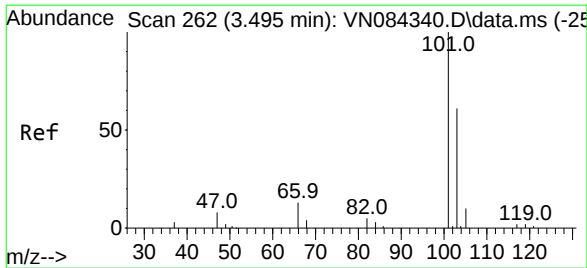
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#6
Chloroethane
Concen: 141.510 ug/l
RT: 3.100 min Scan# 195
Delta R.T. -0.018 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

Tgt Ion: 64 Resp: 213547
Ion Ratio Lower Upper
64 100
66 31.4 27.7 41.5





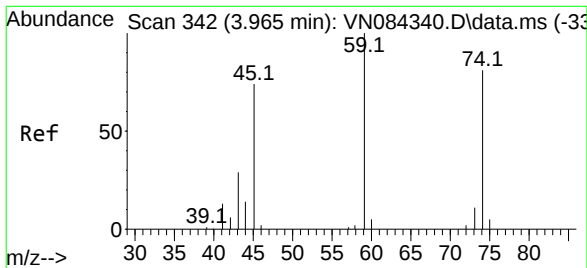
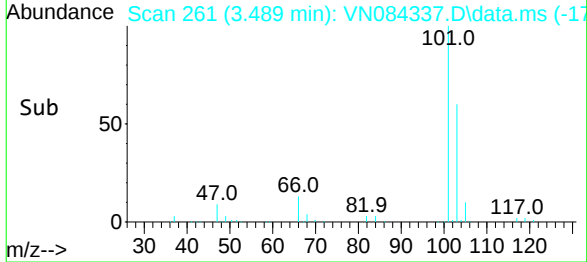
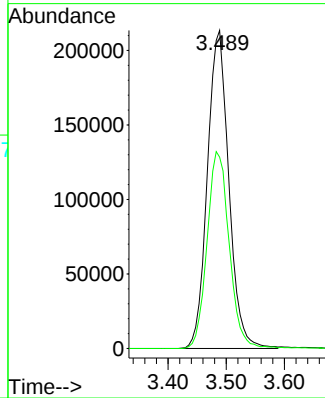
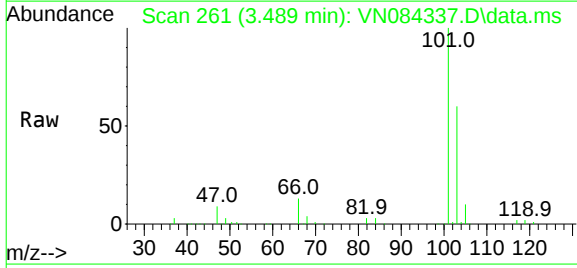
#7
 Trichlorofluoromethane
 Concen: 145.812 ug/l
 RT: 3.489 min Scan# 262
 Delta R.T. -0.006 min
 Lab File: VN084337.D
 Acq: 08 Oct 2024 09:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion:101 Resp: 546712
 Ion Ratio Lower Upper
 101 100
 103 60.2 49.0 73.6

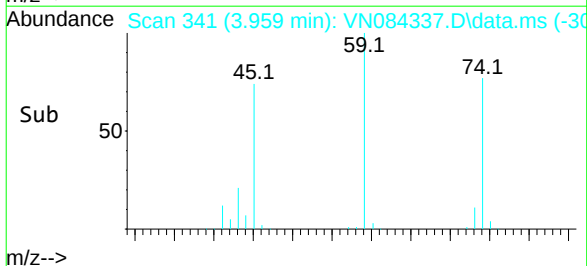
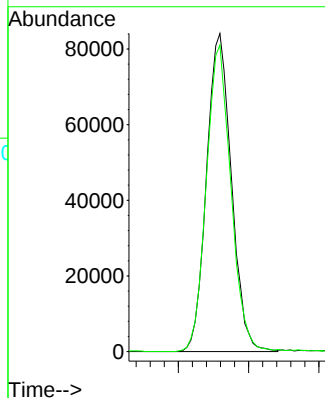
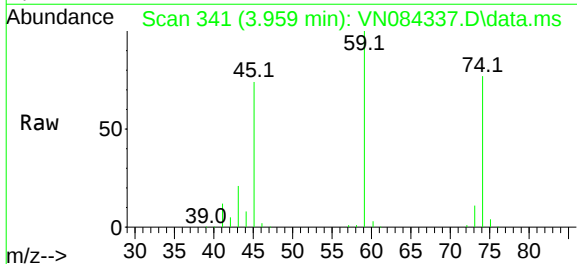
Manual Integrations
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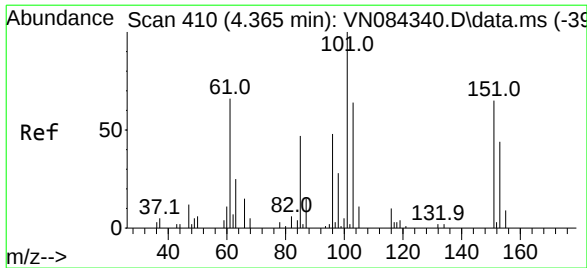
Reviewed By :John Carlone 10/09/2024
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#8
 Diethyl Ether
 Concen: 149.881 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN084337.D
 Acq: 08 Oct 2024 09:43

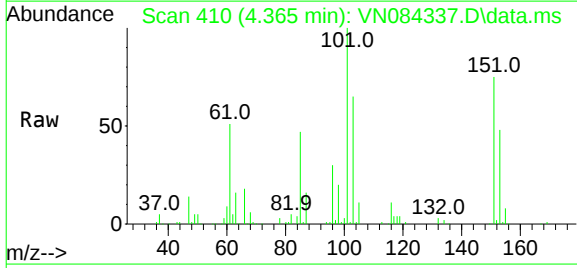
Tgt Ion: 74 Resp: 206608
 Ion Ratio Lower Upper
 74 100
 45 95.3 19.2 173.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 149.095 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN084337.D
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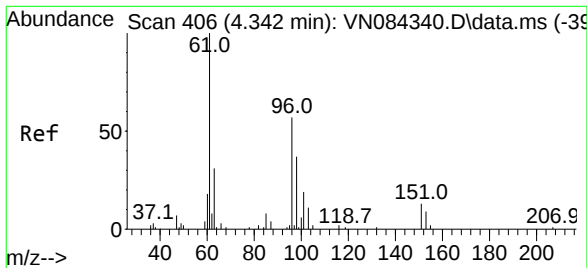
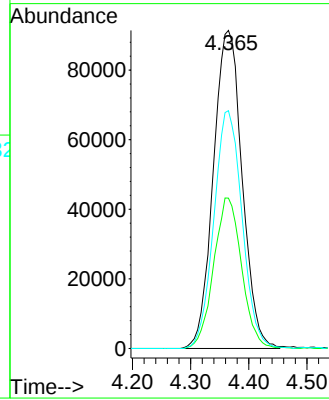
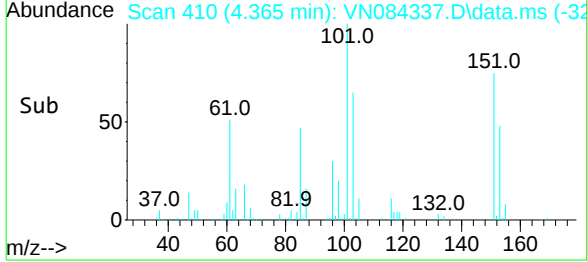
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



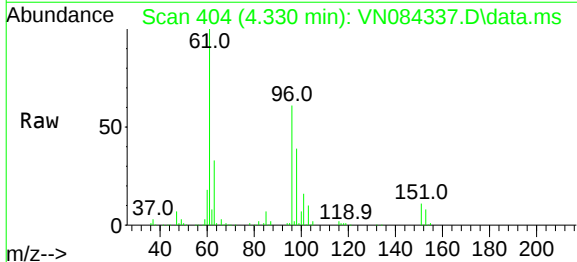
Tgt Ion: 101 Resp: 314320
Ion Ratio Lower Upper
101 100
85 45.9 0.0 93.6
151 73.4 0.0 151.8

Manual Integrations
APPROVED

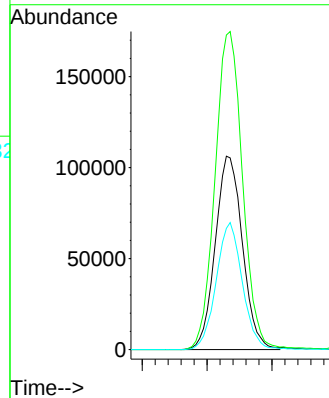
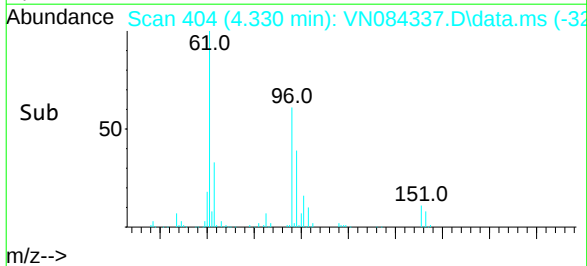
Reviewed By : John Carlone 10/09/2024
Supervised By : Mahesh Dadoda 10/09/2024

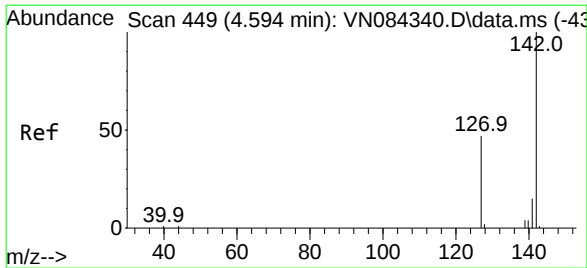


#10
1,1-Dichloroethene
Concen: 147.186 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.012 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43



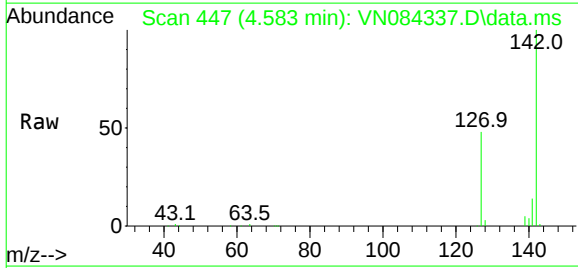
Tgt Ion: 96 Resp: 309616
Ion Ratio Lower Upper
96 100
61 162.6 140.8 211.2
98 62.7 52.2 78.2





#11
Methyl Iodide
Concen: 152.937 ug/l
RT: 4.583 min Scan# 44
Delta R.T. -0.012 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

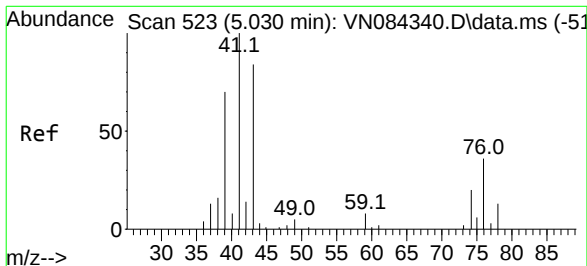
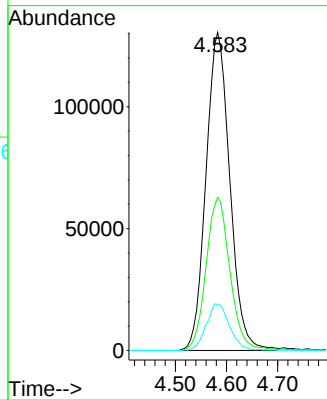
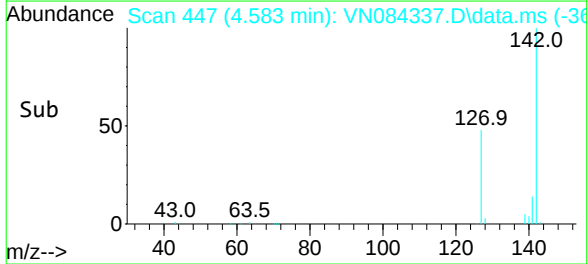
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 142 Resp: 422778
Ion Ratio Lower Upper
142 100
127 48.2 23.8 71.4
141 14.5 7.4 22.2

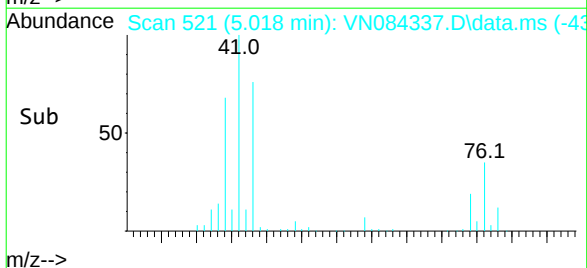
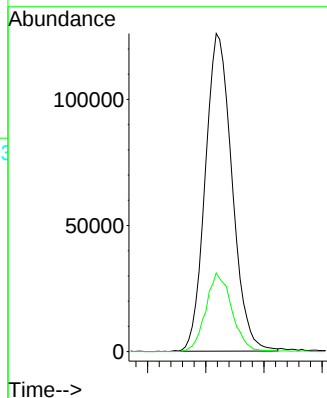
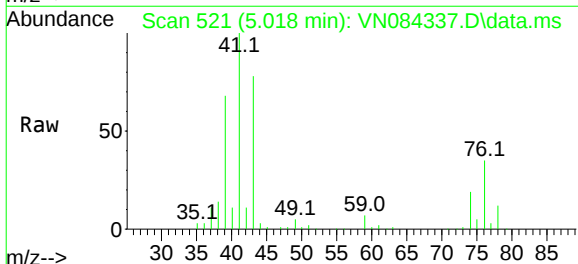
Manual Integrations
APPROVED

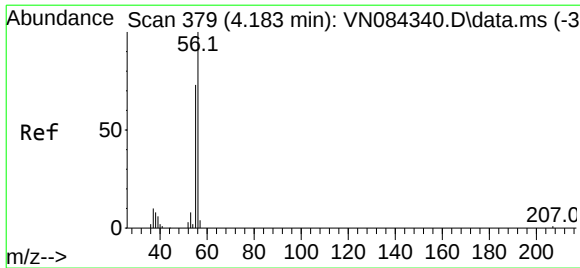
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#12
Methyl Acetate
Concen: 152.836 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.012 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

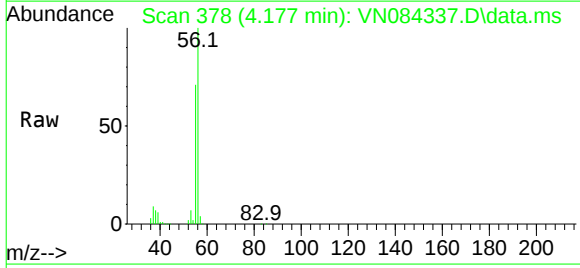
Tgt Ion: 43 Resp: 402489
Ion Ratio Lower Upper
43 100
74 24.8 19.4 29.2





#13
Acrolein
Concen: 758.829 ug/l
RT: 4.177 min Scan# 37
Delta R.T. -0.006 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

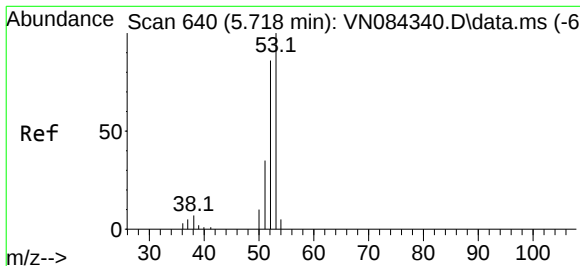
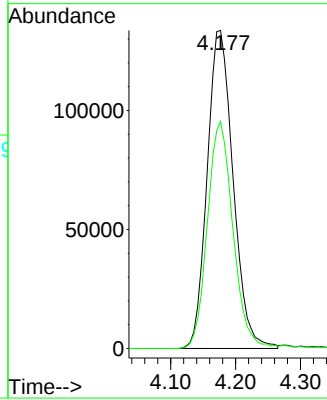
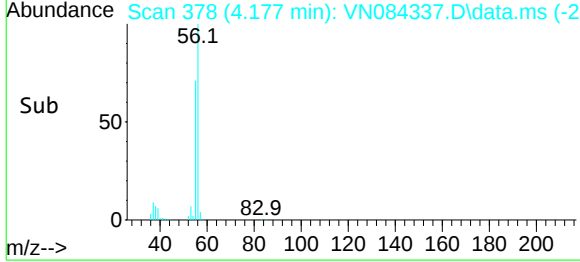
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 371221
Ion Ratio Lower Upper
56 100
55 70.1 56.4 84.6

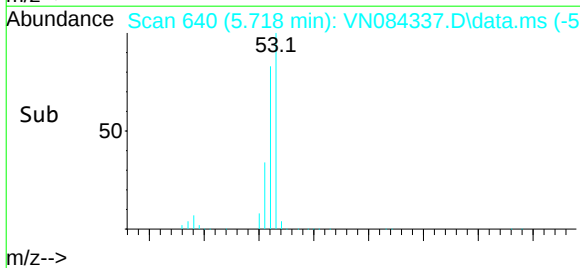
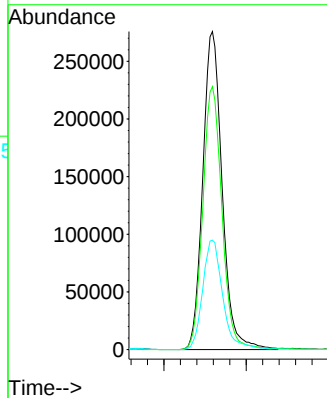
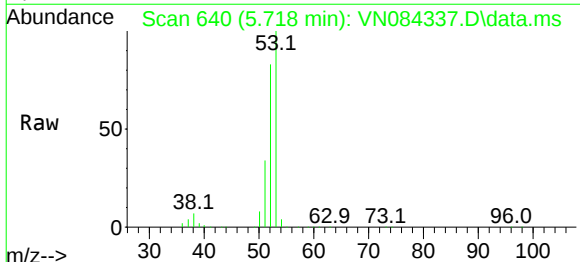
Manual Integrations
APPROVED

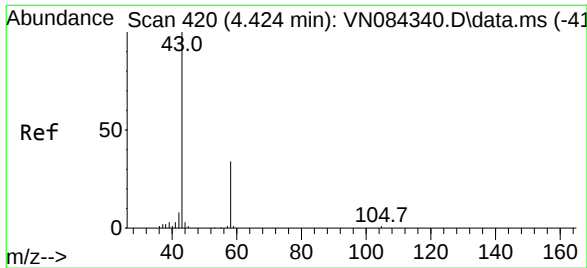
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#14
Acrylonitrile
Concen: 763.216 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

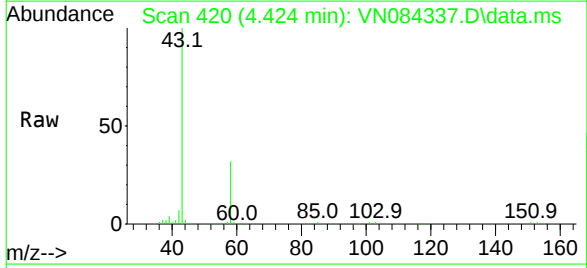
Tgt Ion: 53 Resp: 902986
Ion Ratio Lower Upper
53 100
52 81.6 40.4 121.2
51 35.6 17.8 53.4





#15
Acetone
Concen: 821.289 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

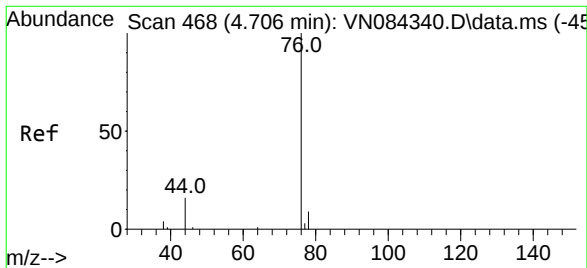
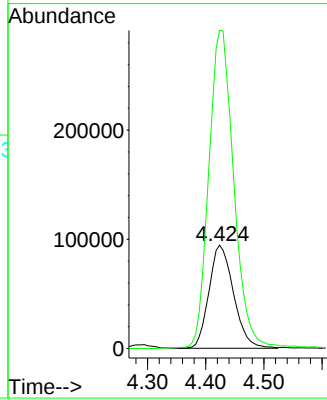
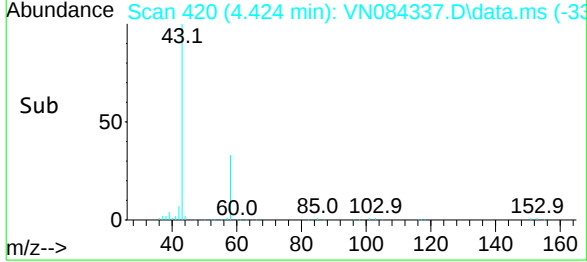
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 58 Resp: 277575
Ion Ratio Lower Upper
58 100
43 307.5 237.5 356.3

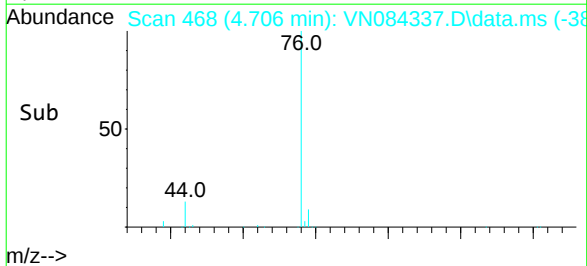
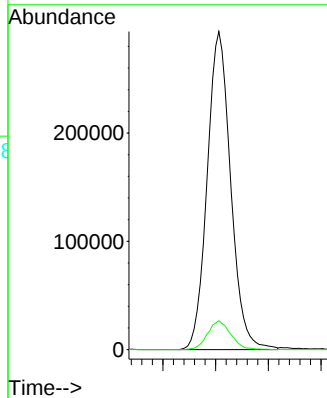
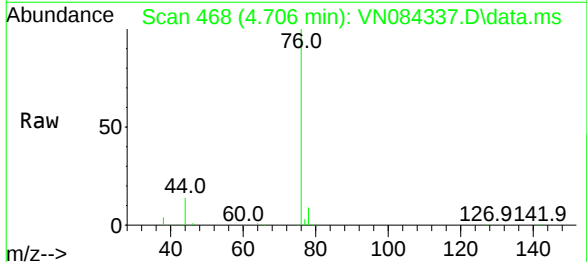
Manual Integrations
APPROVED

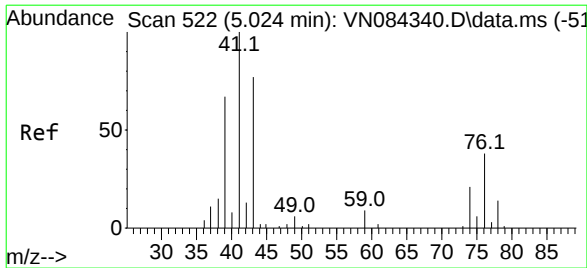
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#16
Carbon Disulfide
Concen: 145.236 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

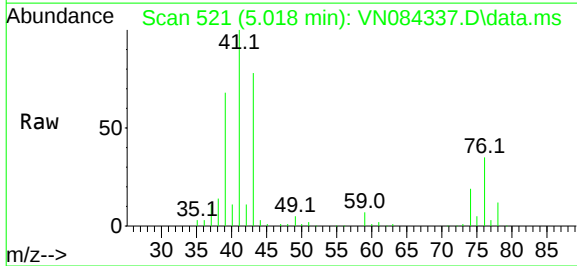
Tgt Ion: 76 Resp: 909776
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7





#17
 Allyl chloride
 Concen: 150.078 ug/l
 RT: 5.018 min Scan# 52
 Delta R.T. -0.006 min
 Lab File: VN084337.D
 Acq: 08 Oct 2024 09:43

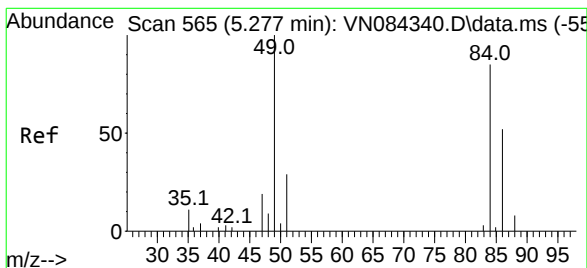
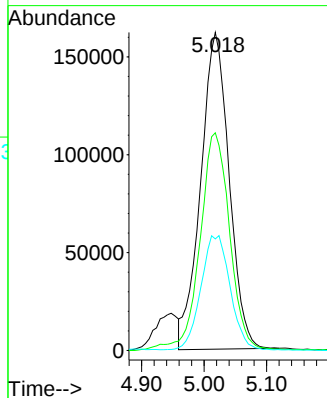
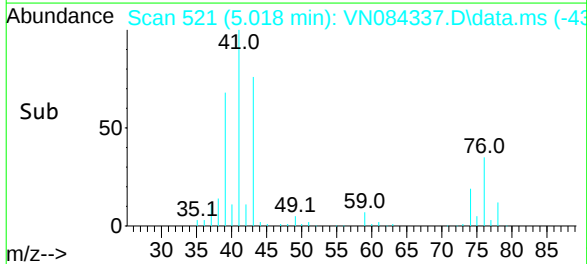
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



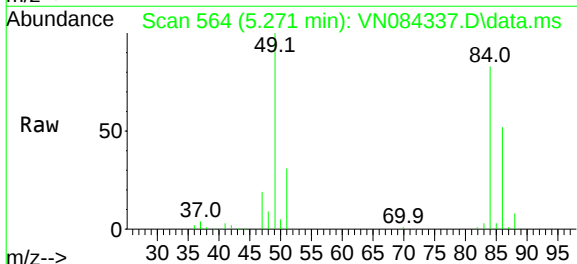
Tgt Ion:	41	Resp:	511759
Ion	Ratio	Lower	Upper
41	100		
39	68.5	31.4	94.3
76	35.0	17.8	53.5

Manual Integrations
 APPROVED

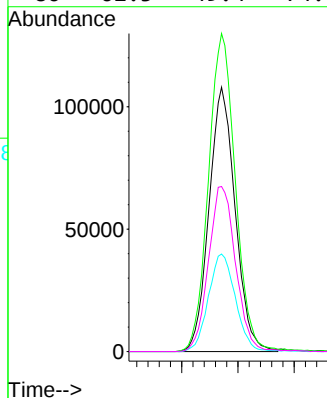
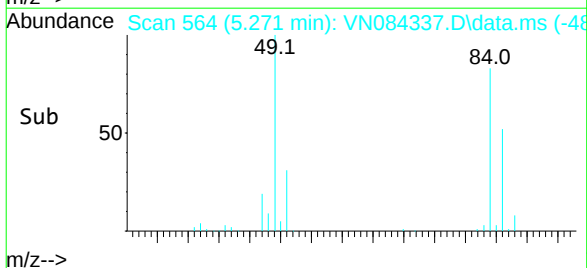
Reviewed By :John Carlone 10/09/2024
 Supervised By :Mahesh Dadoda 10/09/2024

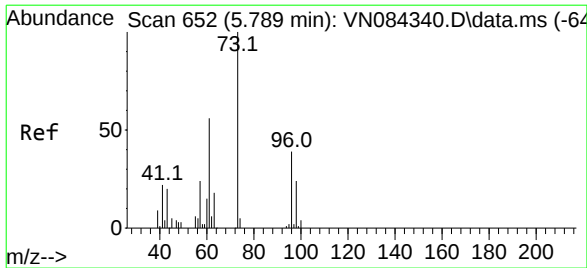


#18
 Methylene Chloride
 Concen: 147.322 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. -0.006 min
 Lab File: VN084337.D
 Acq: 08 Oct 2024 09:43



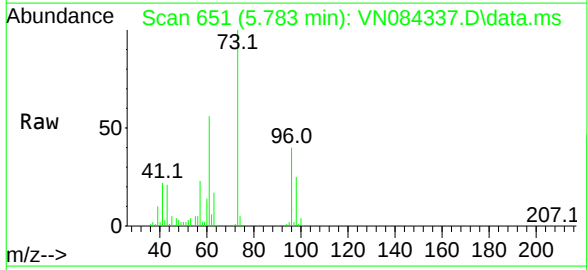
Tgt Ion:	84	Resp:	349106
Ion	Ratio	Lower	Upper
84	100		
49	120.0	94.6	142.0
51	36.9	27.3	40.9
86	62.3	49.4	74.0





#19
trans-1,2-Dichloroethene
Concen: 147.827 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

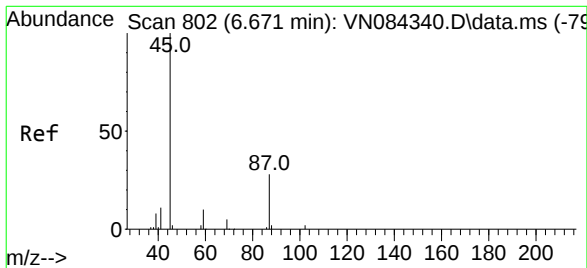
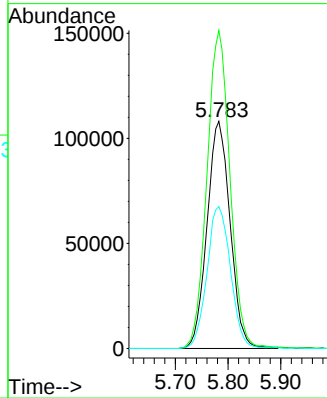
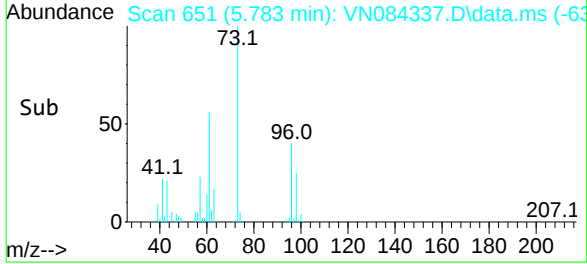
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 96 Resp: 329107
Ion Ratio Lower Upper
96 100
61 140.0 115.8 173.6
98 62.5 49.4 74.0

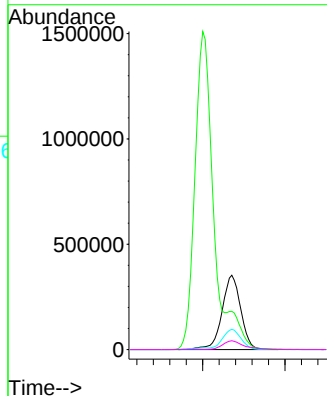
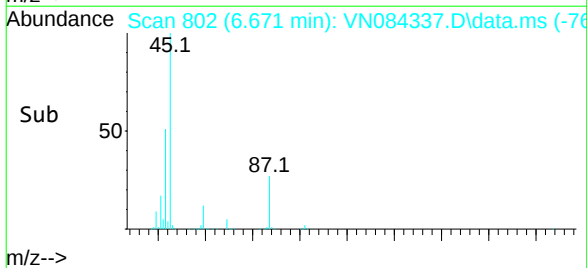
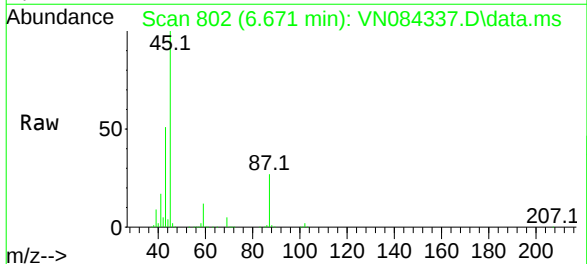
Manual Integrations
APPROVED

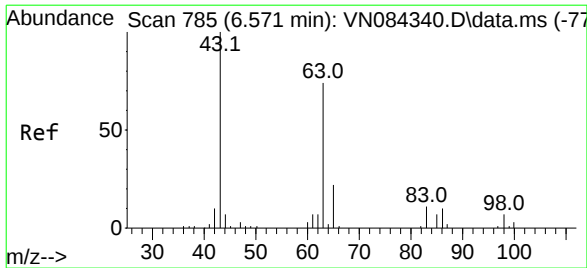
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#20
Diisopropyl ether
Concen: 151.956 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

Tgt Ion: 45 Resp: 1114091
Ion Ratio Lower Upper
45 100
43 50.9 43.7 65.5
87 27.1 23.1 34.7
59 11.8 8.2 12.4





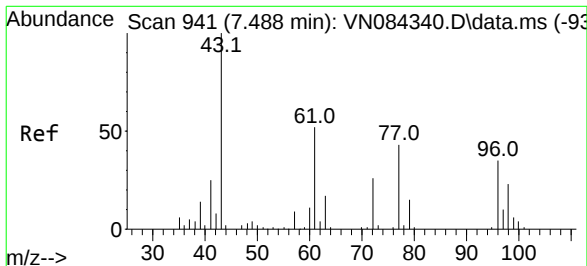
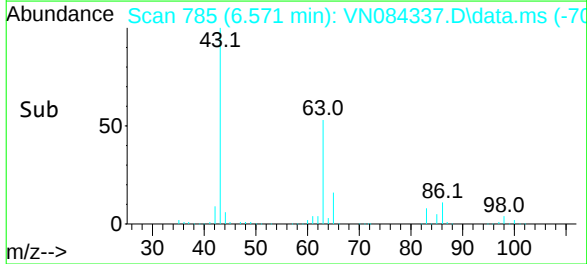
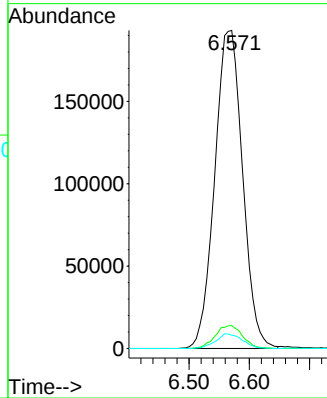
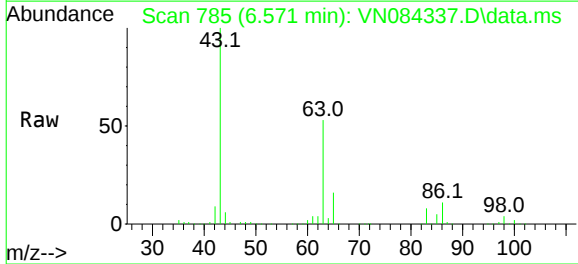
#21
1,1-Dichloroethane
Concen: 147.512 ug/l
RT: 6.571 min Scan# 785
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 620566
Ion Ratio Lower Upper
63 100
98 7.2 4.5 13.4
100 4.2 2.1 6.3

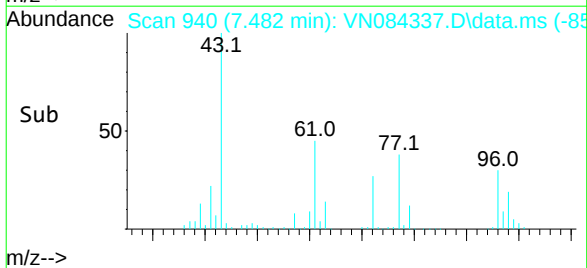
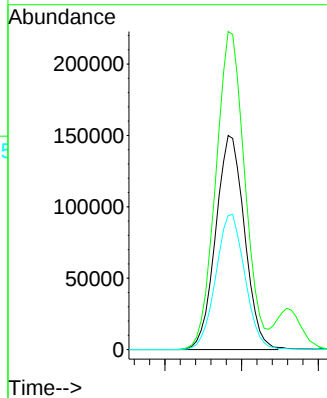
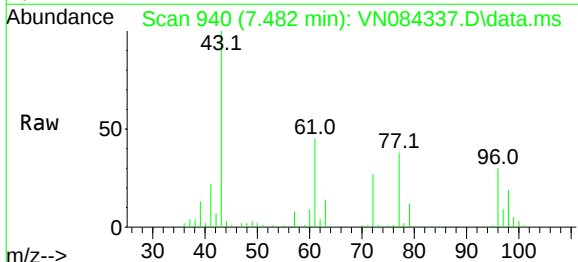
Manual Integrations
APPROVED

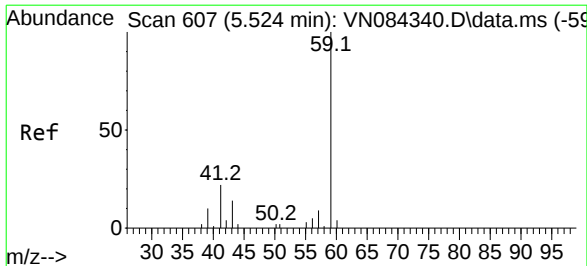
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#22
cis-1,2-Dichloroethene
Concen: 151.363 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

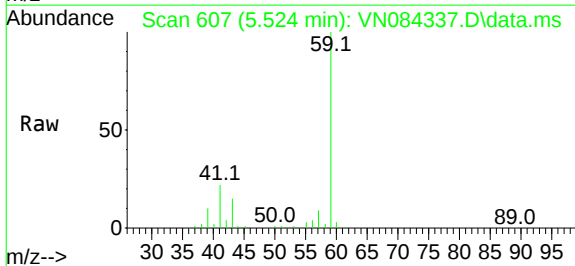
Tgt Ion: 96 Resp: 392124
Ion Ratio Lower Upper
96 100
61 149.9 118.0 177.0
98 63.8 51.8 77.8





#23
tert-Butyl Alcohol
Concen: 734.096 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

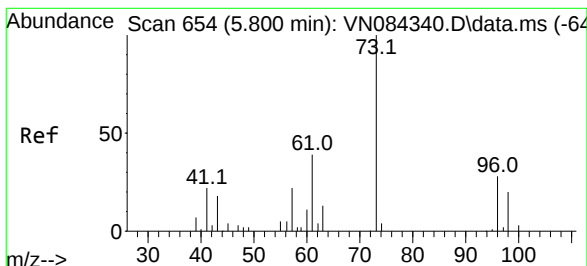
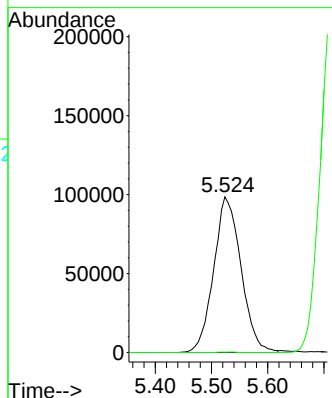
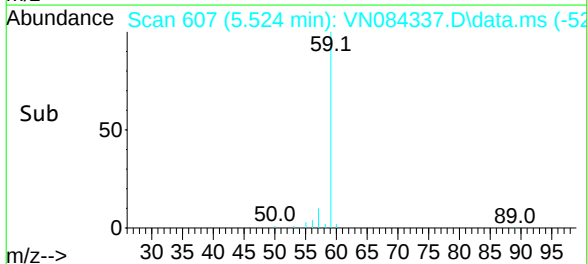
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 59 Resp: 333149
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#

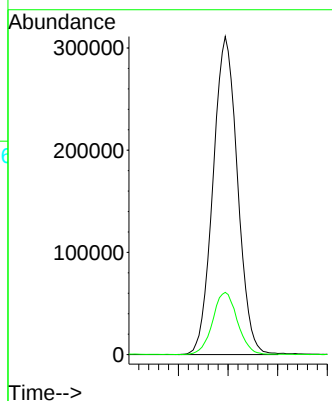
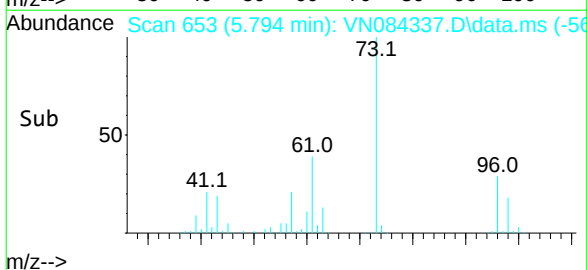
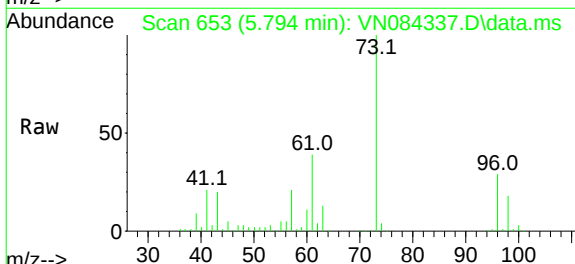
Manual Integrations
APPROVED

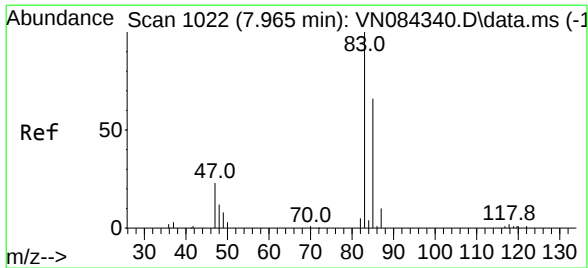
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#24
Methyl tert-Butyl Ether
Concen: 152.038 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.006 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

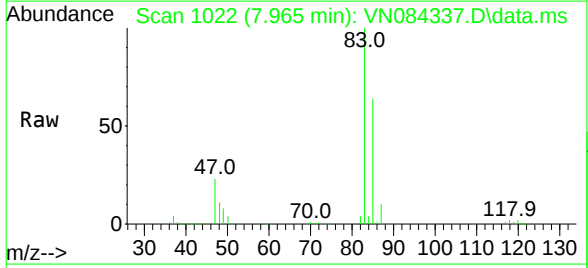
Tgt Ion: 73 Resp: 1068810
Ion Ratio Lower Upper
73 100
43 19.8 10.9 16.3#





#25
Chloroform
Concen: 149.030 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

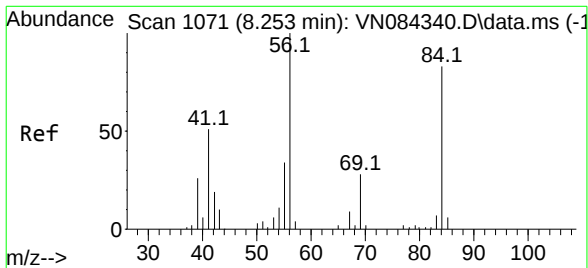
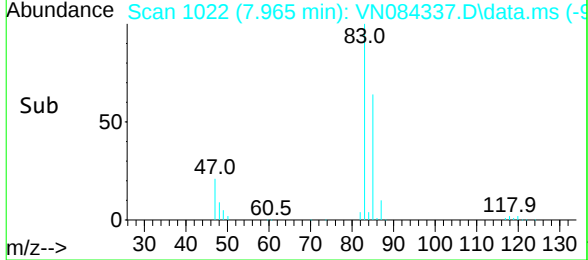
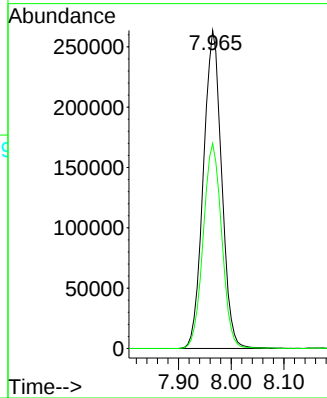
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 83 Resp: 634973
Ion Ratio Lower Upper
83 100
85 64.4 52.4 78.6

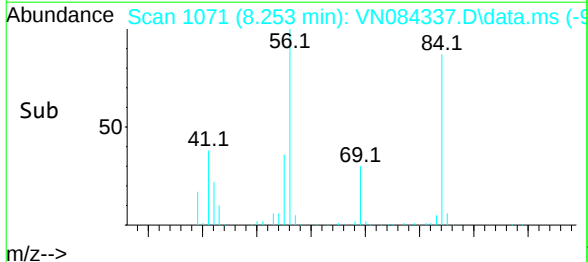
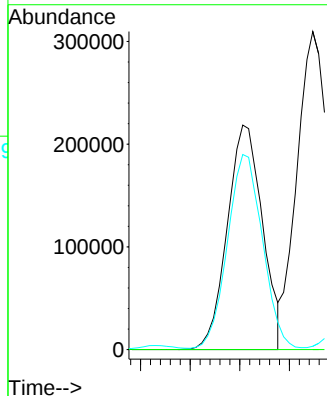
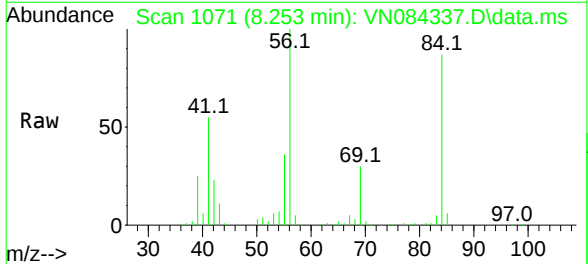
Manual Integrations
APPROVED

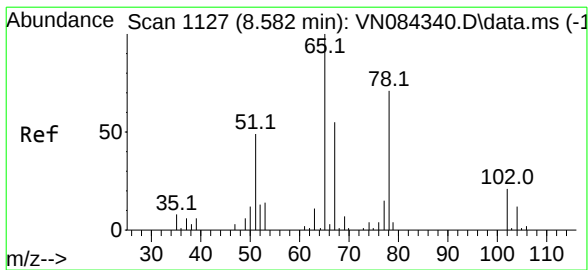
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#26
Cyclohexane
Concen: 153.272 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

Tgt Ion: 56 Resp: 539286
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.9 67.0 100.6





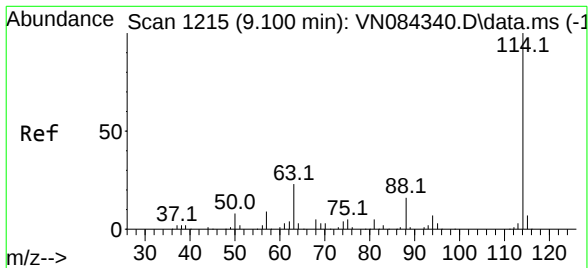
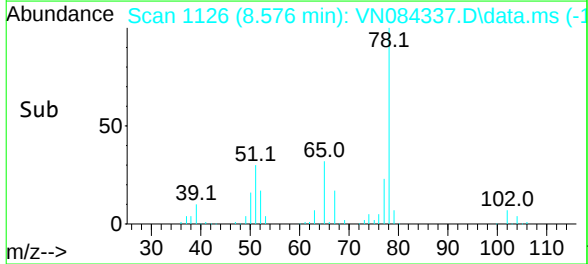
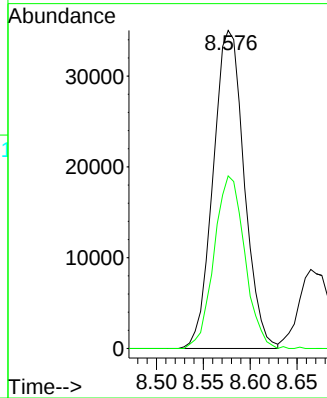
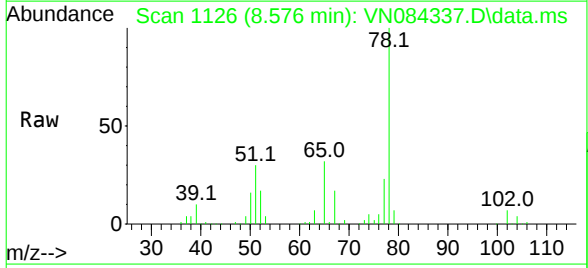
#27
1,2-Dichloroethane-d4
Concen: 29.718 ug/l
RT: 8.576 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 65 Resp: 80836
Ion Ratio Lower Upper
65 100
67 53.4 41.5 62.3

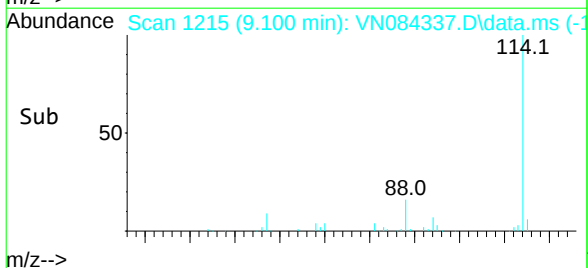
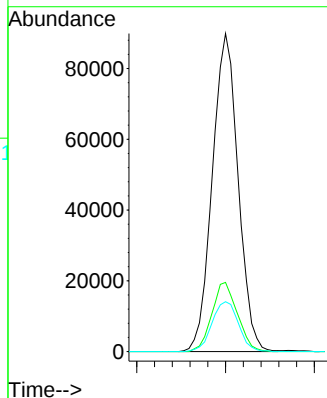
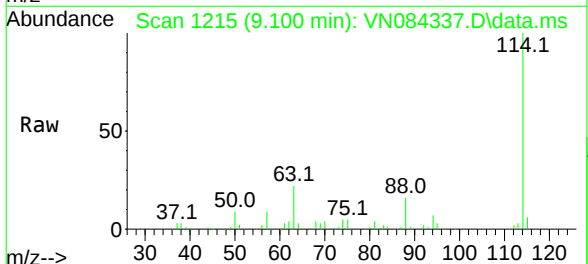
Manual Integrations
APPROVED

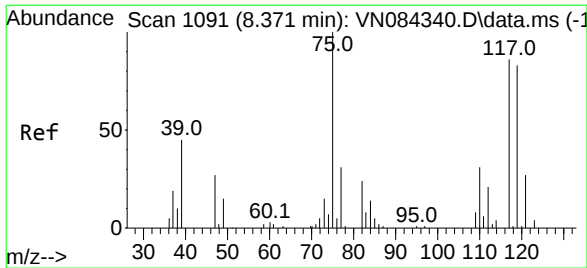
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

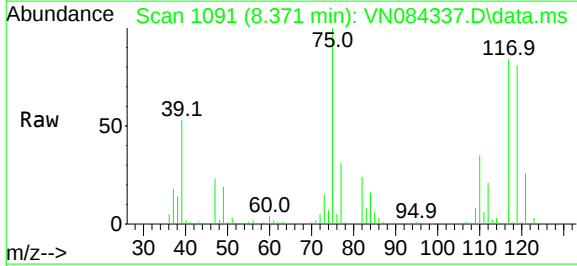
Tgt Ion:114 Resp: 181536
Ion Ratio Lower Upper
114 100
63 21.5 17.4 26.0
88 16.1 13.2 19.8





#29
1,1-Dichloropropene
Concen: 154.807 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

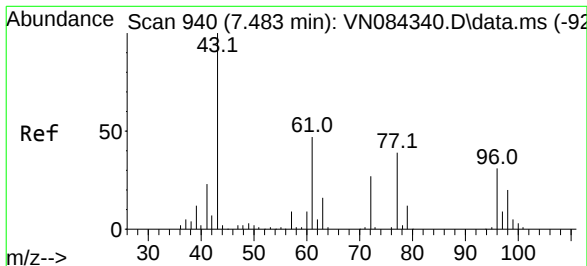
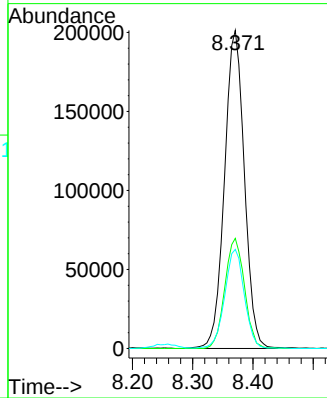
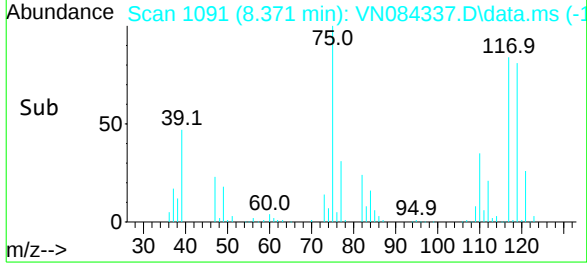
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 75 Resp: 461334
Ion Ratio Lower Upper
75 100
110 34.2 0.0 67.6
77 30.6 0.0 61.4

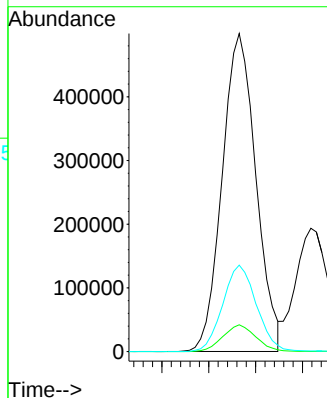
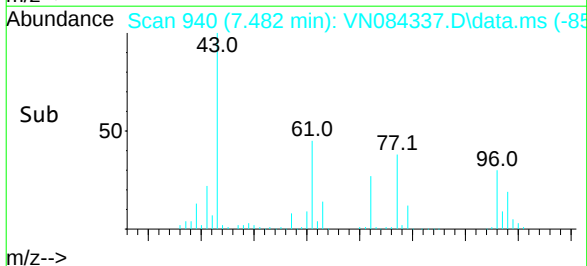
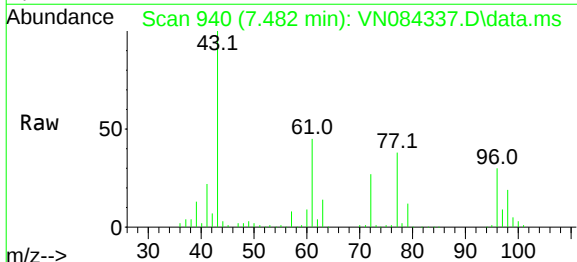
Manual Integrations
APPROVED

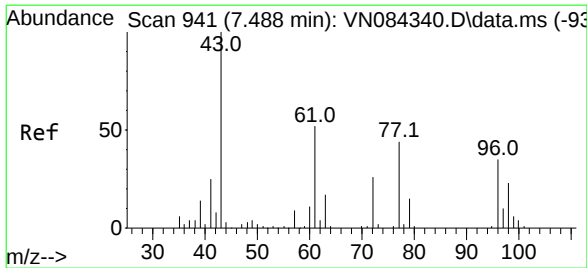
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#30
2-Butanone
Concen: 787.459 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

Tgt Ion: 43 Resp: 1249418
Ion Ratio Lower Upper
43 100
57 8.3 6.6 9.8
72 27.3 21.3 31.9





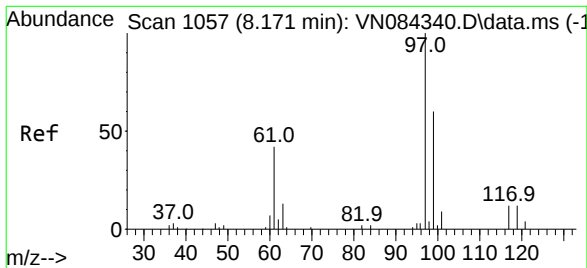
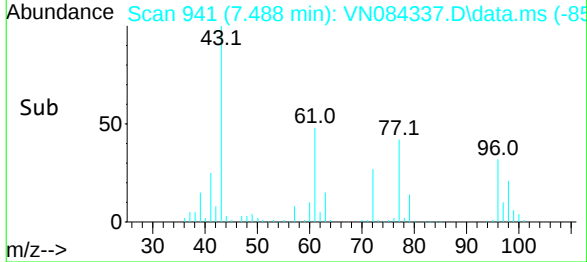
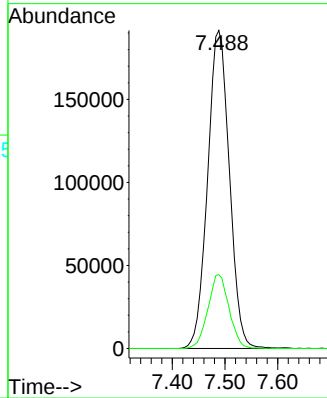
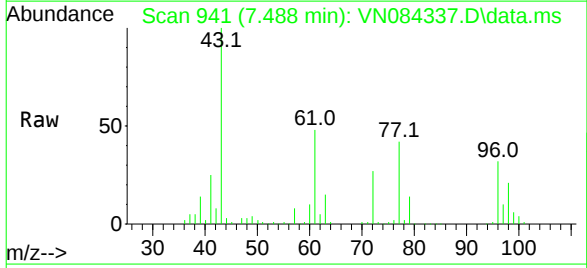
#31
2,2-Dichloropropane
Concen: 156.907 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 77 Resp: 549477
Ion Ratio Lower Upper
77 100
97 22.5 11.5 17.3#

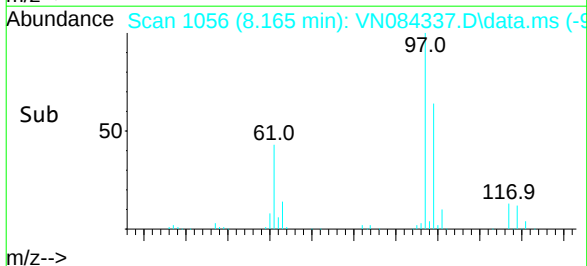
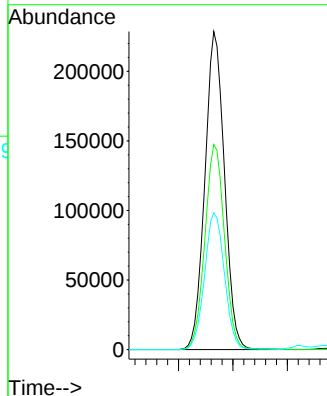
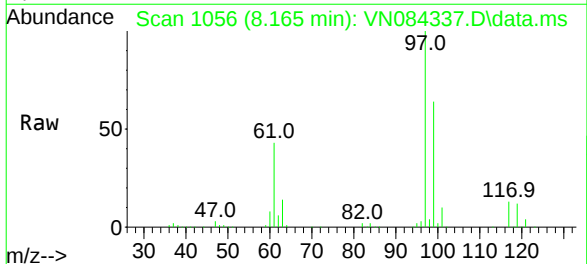
Manual Integrations
APPROVED

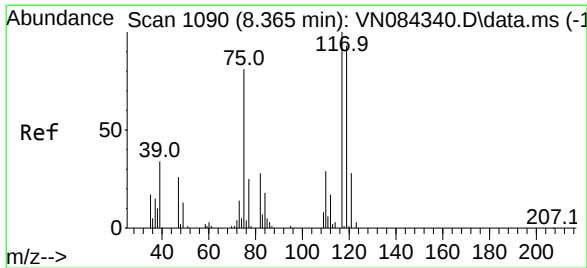
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#32
1,1,1-Trichloroethane
Concen: 150.045 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

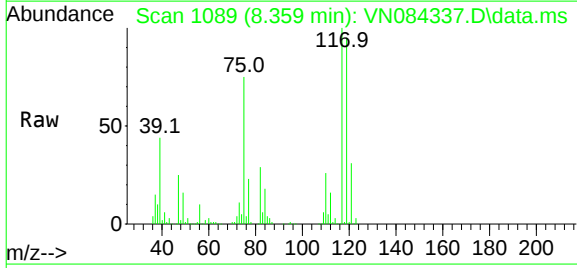
Tgt Ion: 97 Resp: 571549
Ion Ratio Lower Upper
97 100
99 64.5 51.2 76.8
61 43.7 34.1 51.1





#33
Carbon Tetrachloride
Concen: 152.921 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

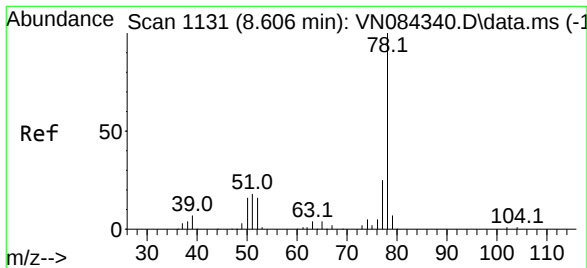
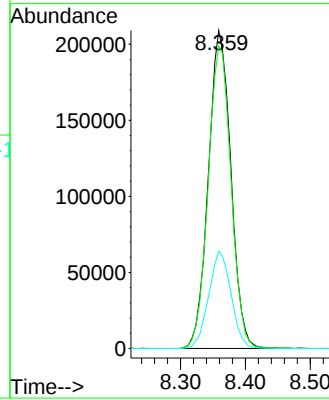
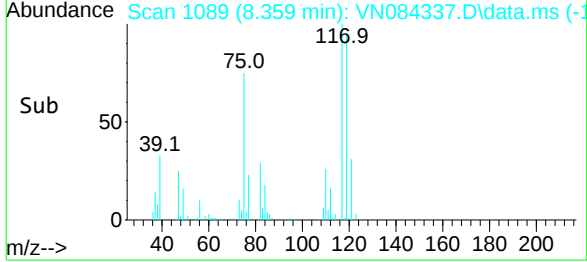
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 117 Resp: 504637
Ion Ratio Lower Upper
117 100
119 94.9 74.3 111.5
121 30.6 22.4 33.6

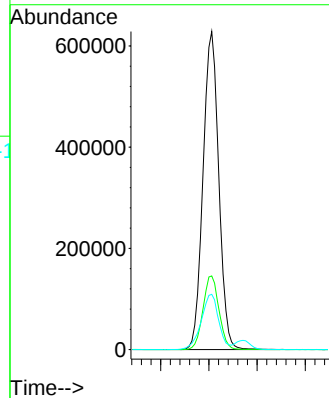
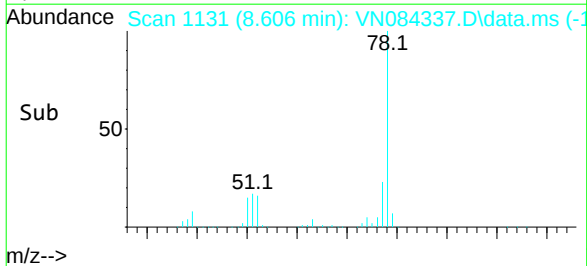
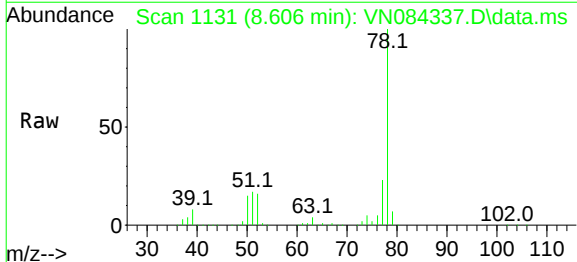
Manual Integrations
APPROVED

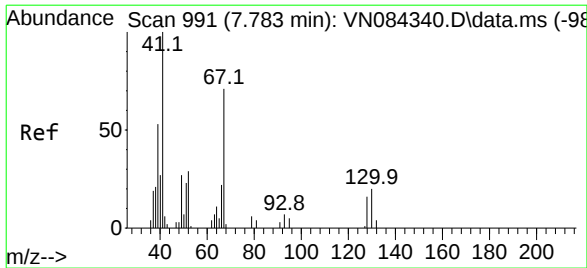
Reviewed By : John Carlone 10/09/2024
Supervised By : Mahesh Dadoda 10/09/2024



#34
Benzene
Concen: 152.821 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

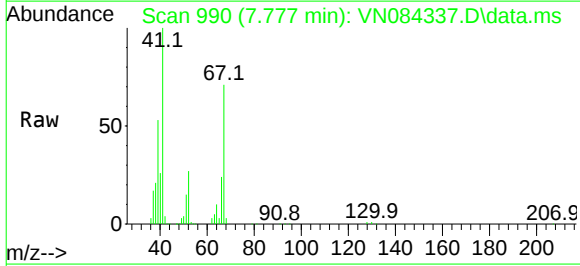
Tgt Ion: 78 Resp: 1425580
Ion Ratio Lower Upper
78 100
77 23.2 19.6 29.4
51 17.4 15.8 23.6





#35
Methacrylonitrile
Concen: 165.128 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

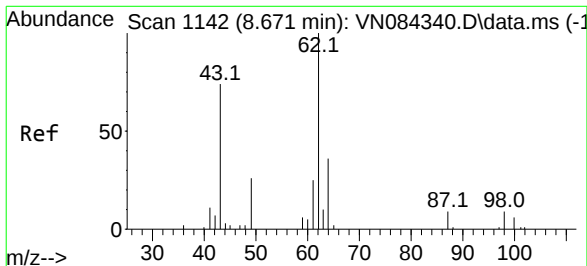
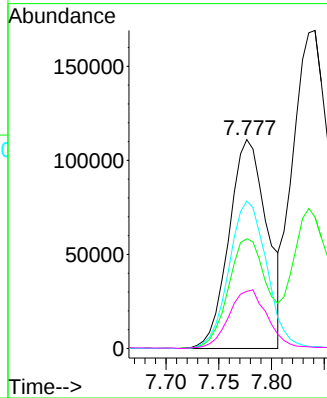
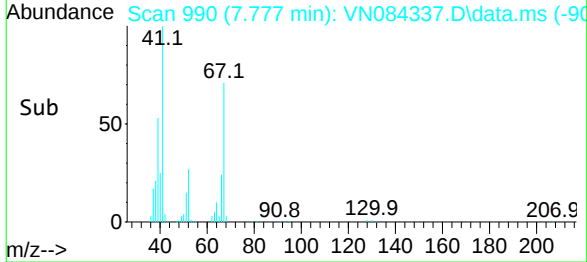
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 41 Resp: 279509
Ion Ratio Lower Upper
41 100
39 52.5 26.4 79.0
67 70.6 35.7 107.1
52 27.4 14.5 43.5

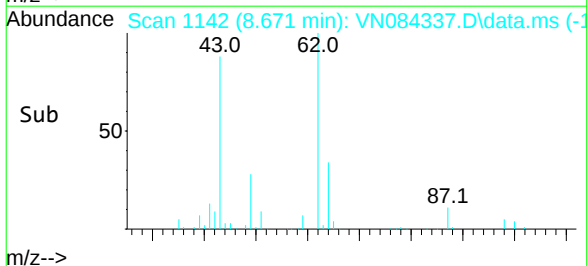
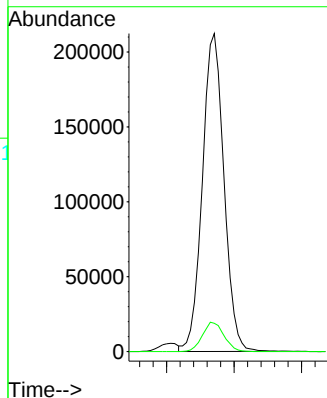
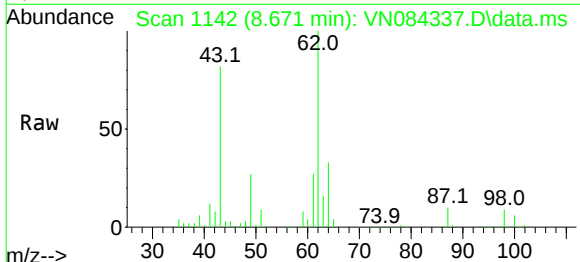
Manual Integrations
APPROVED

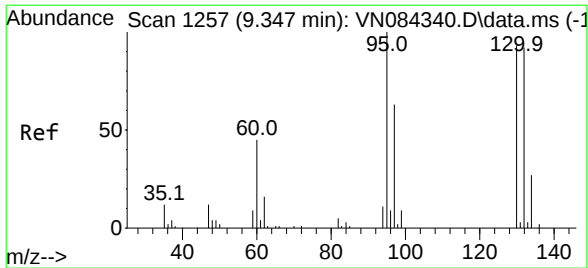
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#36
1,2-Dichloroethane
Concen: 151.686 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

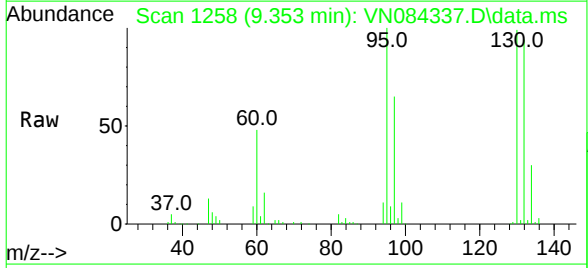
Tgt Ion: 62 Resp: 471651
Ion Ratio Lower Upper
62 100
98 9.2 7.3 10.9





#37
 Trichloroethene
 Concen: 151.266 ug/l
 RT: 9.353 min Scan# 1258
 Delta R.T. 0.006 min
 Lab File: VN084337.D
 Acq: 08 Oct 2024 09:43

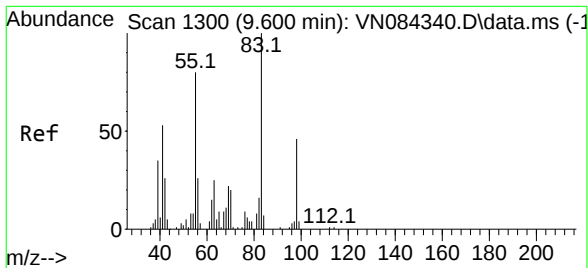
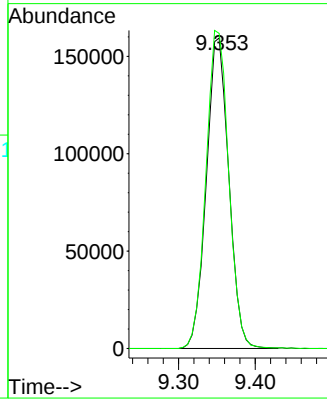
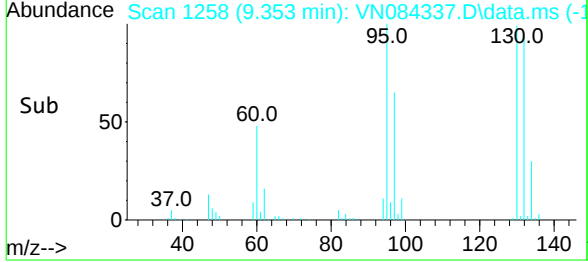
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150



Tgt Ion:130 Resp: 324936
 Ion Ratio Lower Upper
 130 100
 95 101.5 85.8 128.6

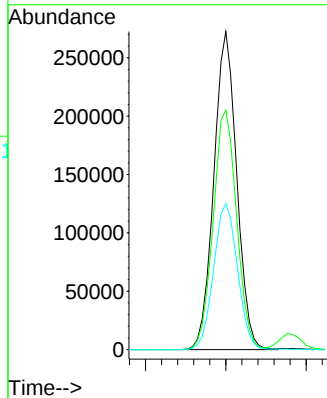
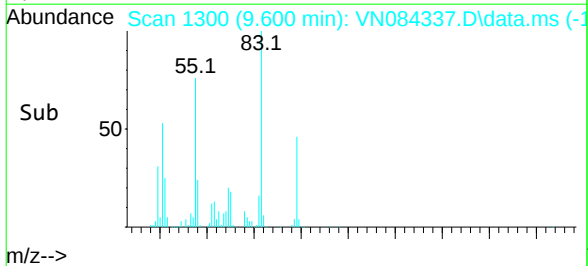
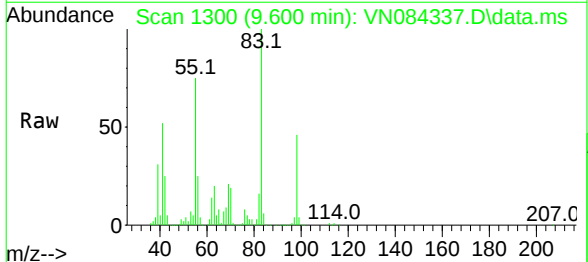
Manual Integrations
 APPROVED

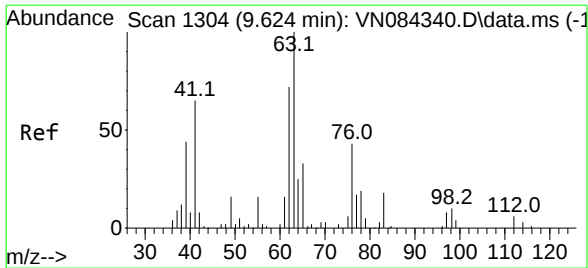
Reviewed By :John Carlone 10/09/2024
 Supervised By :Mahesh Dadoda 10/09/2024



#38
 Methylcyclohexane
 Concen: 164.564 ug/l
 RT: 9.600 min Scan# 1300
 Delta R.T. -0.000 min
 Lab File: VN084337.D
 Acq: 08 Oct 2024 09:43

Tgt Ion: 83 Resp: 538684
 Ion Ratio Lower Upper
 83 100
 55 77.3 39.3 117.8
 98 47.9 24.0 72.0





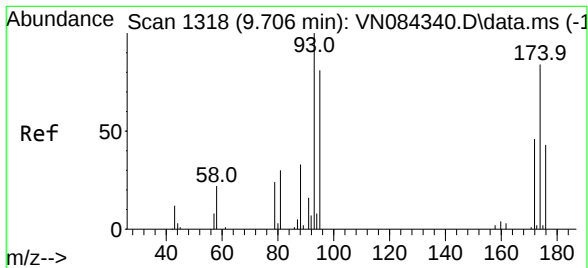
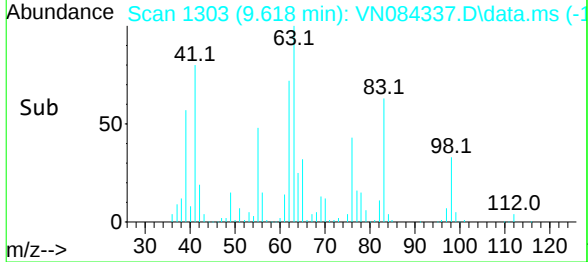
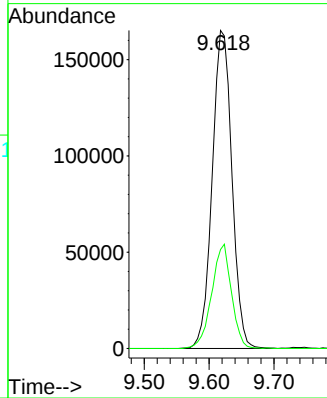
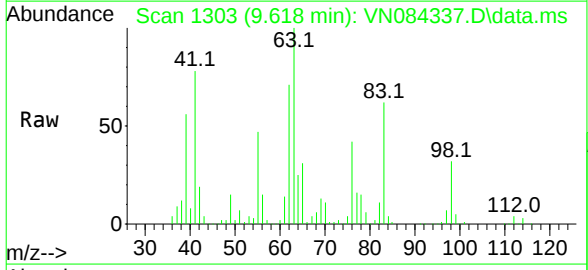
#39
1,2-Dichloropropane
Concen: 153.071 ug/l
RT: 9.618 min Scan# 1304
Delta R.T. -0.006 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 348207
Ion Ratio Lower Upper
63 100
65 31.1 26.3 39.5

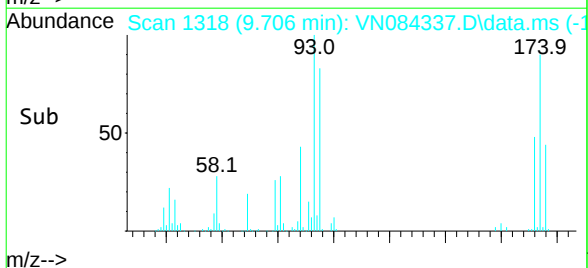
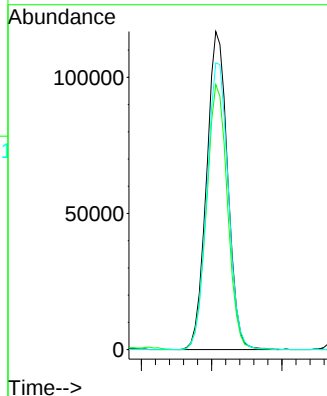
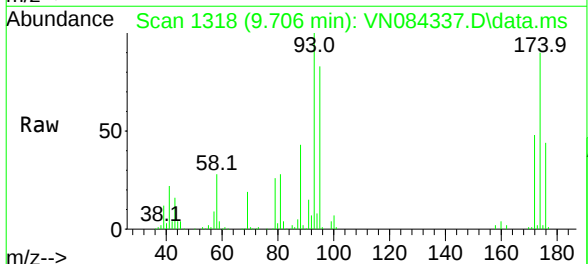
Manual Integrations
APPROVED

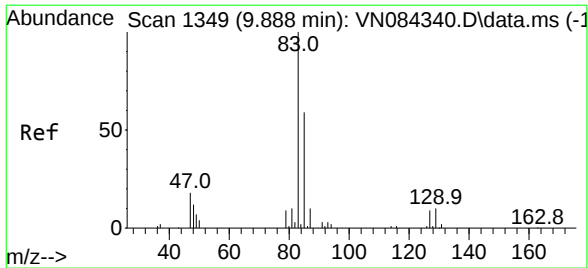
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#40
Dibromomethane
Concen: 152.917 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

Tgt Ion: 93 Resp: 243118
Ion Ratio Lower Upper
93 100
95 82.6 0.0 171.4
174 91.2 0.0 183.0





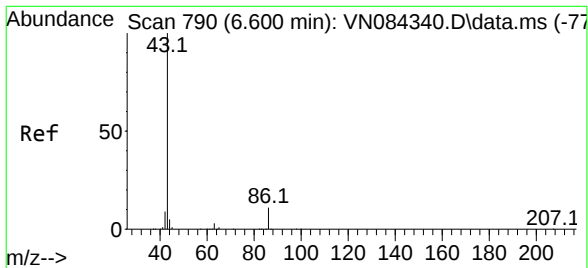
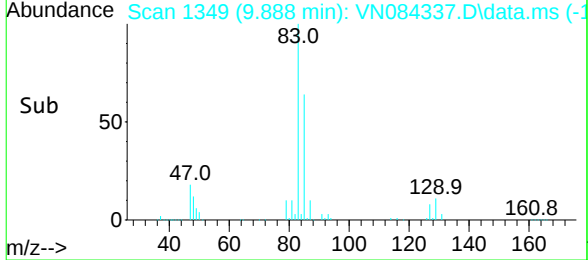
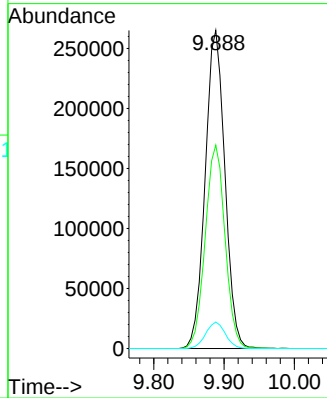
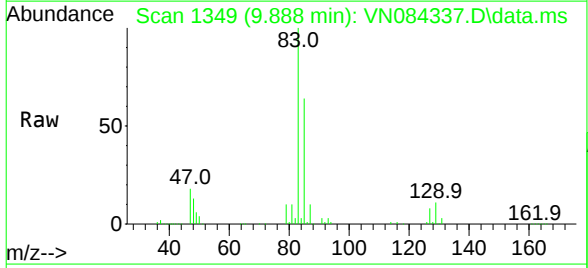
#41
 Bromodichloromethane
 Concen: 152.872 ug/l
 RT: 9.888 min Scan# 1349
 Delta R.T. -0.000 min
 Lab File: VN084337.D
 Acq: 08 Oct 2024 09:43

Instrument : MSVOA_N
 ClientSampleId : VSTDIC150

Tgt Ion:	83	Resp:	515968
Ion	Ratio	Lower	Upper
83	100		
85	63.9	47.1	70.7
127	8.3	7.1	10.7

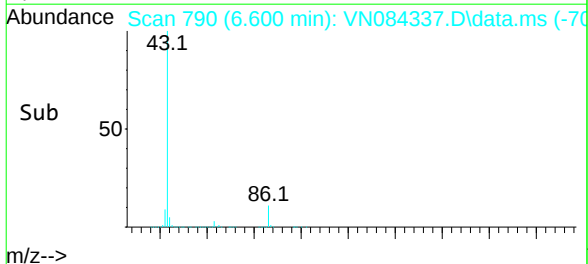
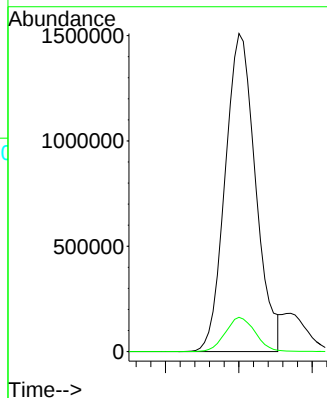
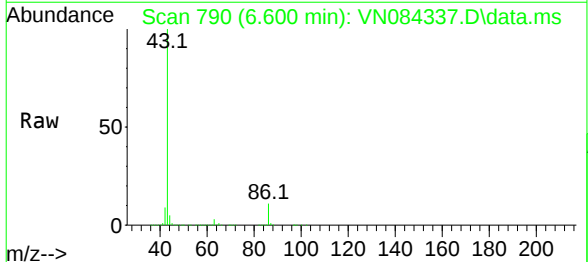
Manual Integrations
 APPROVED

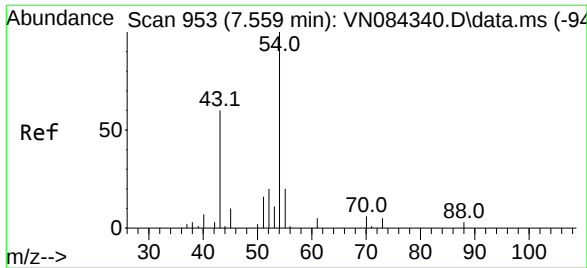
Reviewed By :John Carlone 10/09/2024
 Supervised By :Mahesh Dadoda 10/09/2024



#42
 Vinyl Acetate
 Concen: 789.646 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN084337.D
 Acq: 08 Oct 2024 09:43

Tgt Ion:	43	Resp:	4357419
Ion	Ratio	Lower	Upper
43	100		
86	10.6	8.5	12.7





#43

Ethyl Acetate

Concen: 154.753 ug/l

RT: 7.559 min Scan# 953

Delta R.T. -0.000 min

Lab File: VN084337.D

Acq: 08 Oct 2024 09:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 484255

Ion Ratio Lower Upper

43 100

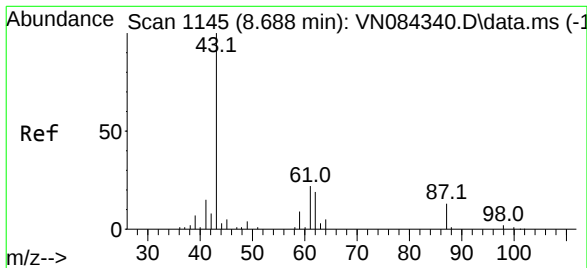
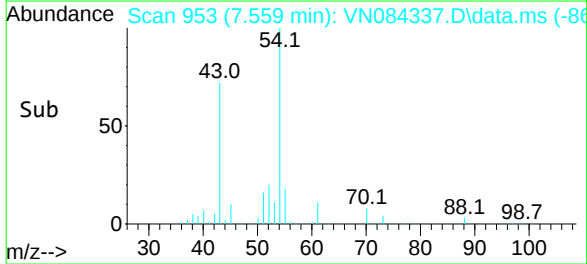
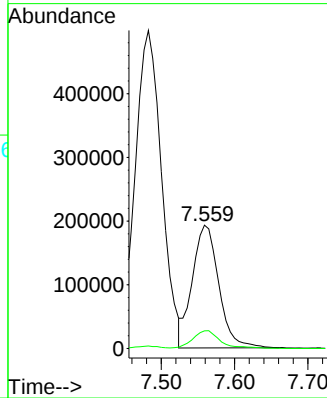
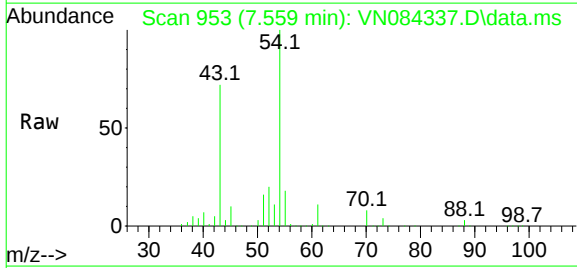
45 13.2 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#44

Isopropyl Acetate

Concen: 157.943 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN084337.D

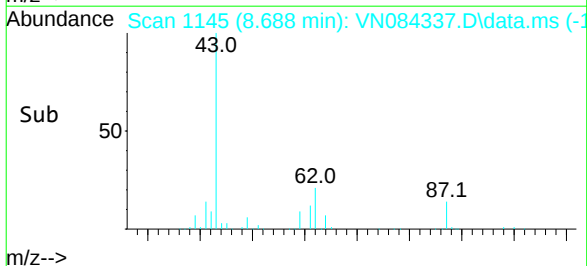
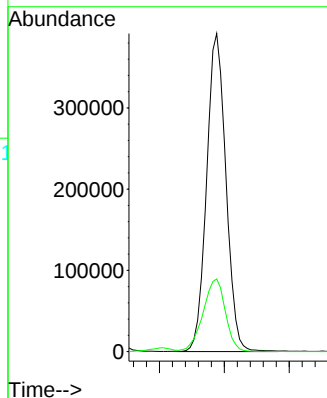
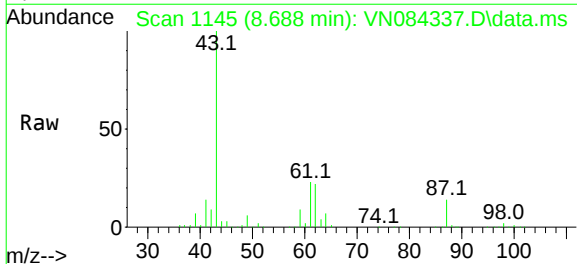
Acq: 08 Oct 2024 09:43

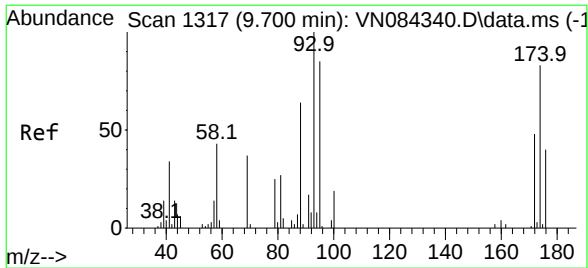
Tgt Ion: 43 Resp: 808933

Ion Ratio Lower Upper

43 100

61 26.4 21.4 32.2





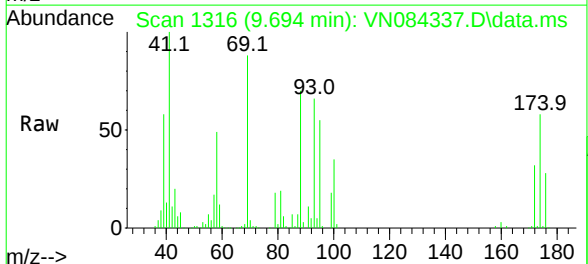
#45
 1,4-Dioxane
 Concen: 3200.393 ug/l
 RT: 9.694 min Scan# 1316
 Delta R.T. -0.006 min
 Lab File: VN084337.D
 Acq: 08 Oct 2024 09:43

Instrument :

MSVOA_N

ClientSampleId :

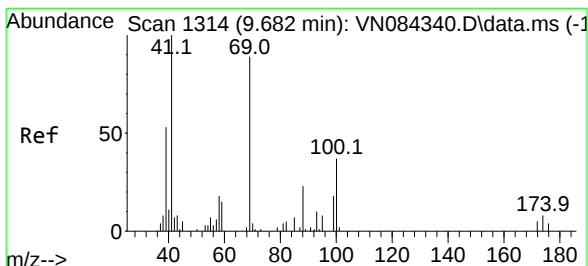
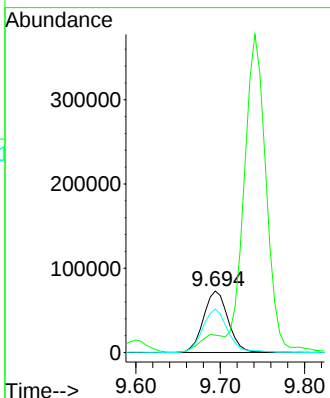
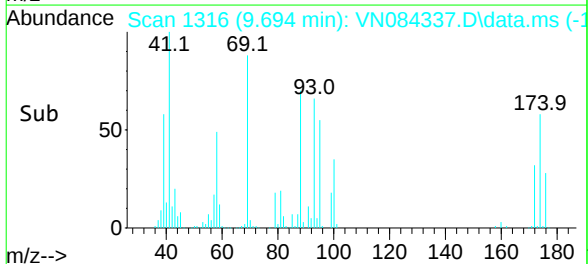
VSTDICC150



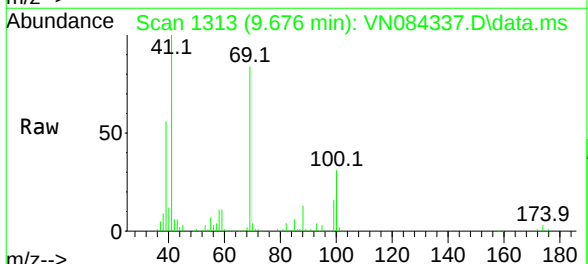
Tgt Ion: 88 Resp: 147762
 Ion Ratio Lower Upper
 88 100
 43 29.1 22.4 33.6
 58 72.4 59.7 89.5

Manual Integrations
 APPROVED

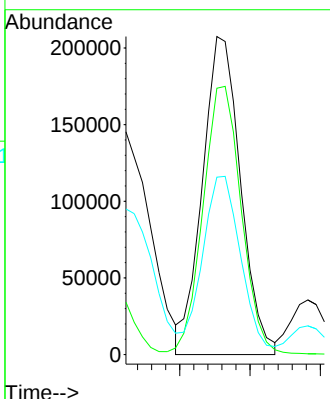
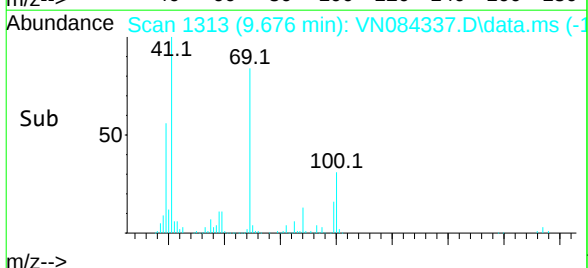
Reviewed By :John Carlone 10/09/2024
 Supervised By :Mahesh Dadoda 10/09/2024

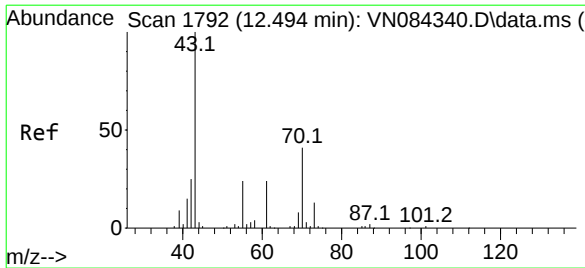


#46
 Methyl methacrylate
 Concen: 158.224 ug/l
 RT: 9.676 min Scan# 1313
 Delta R.T. -0.006 min
 Lab File: VN084337.D
 Acq: 08 Oct 2024 09:43



Tgt Ion: 41 Resp: 391545
 Ion Ratio Lower Upper
 41 100
 69 85.4 42.6 128.0
 39 55.3 27.5 82.4





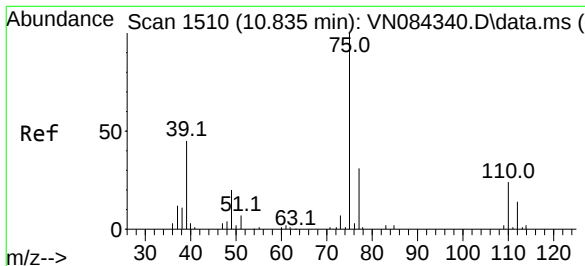
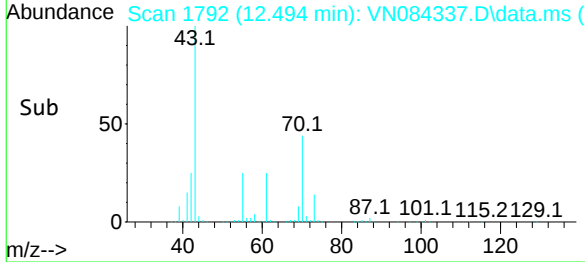
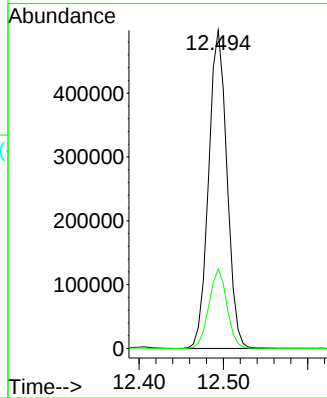
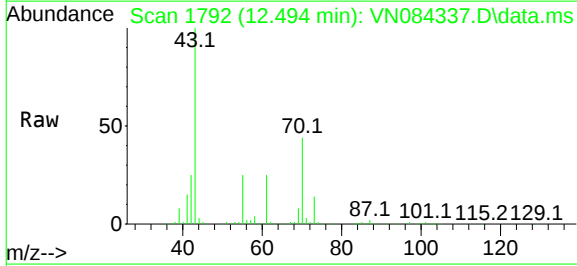
#47
n-amy1 Acetate
Concen: 165.124 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 752246
Ion Ratio Lower Upper
43 100
55 24.5 20.6 31.0

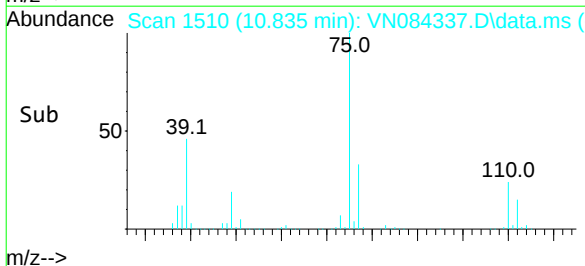
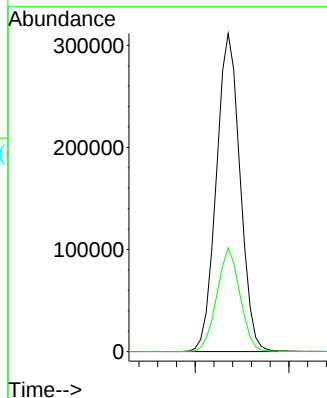
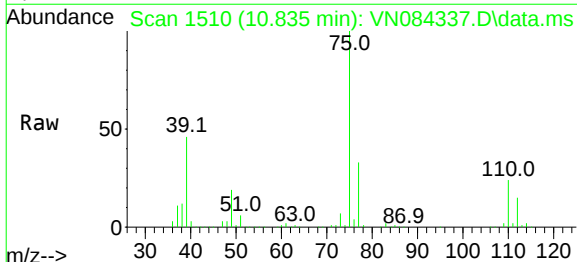
Manual Integrations
APPROVED

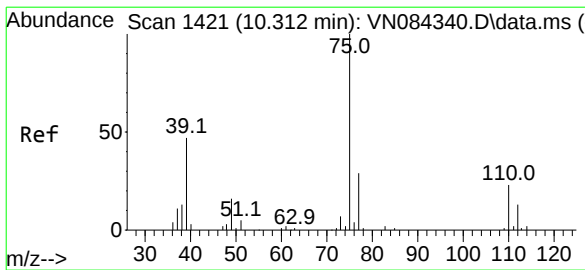
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#48
t-1,3-Dichloropropene
Concen: 156.926 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

Tgt Ion: 75 Resp: 547316
Ion Ratio Lower Upper
75 100
77 32.6 24.6 37.0





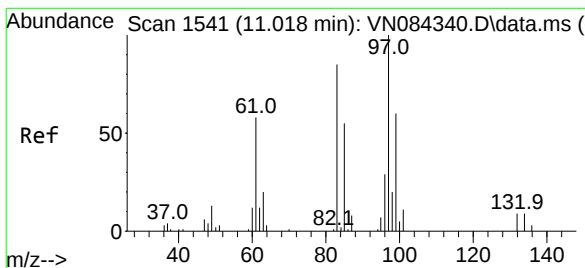
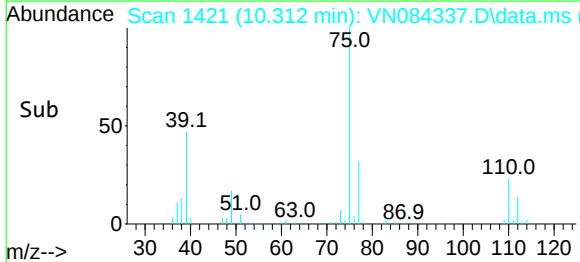
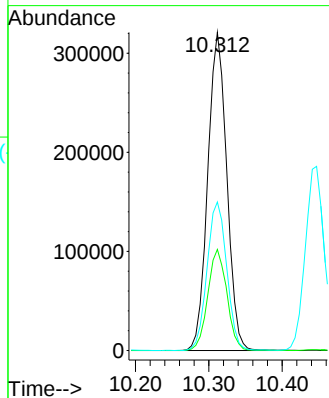
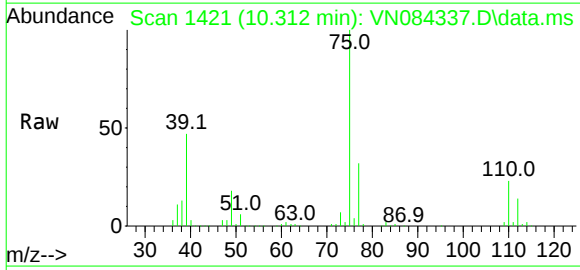
#49
cis-1,3-Dichloropropene
Concen: 158.273 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 75	Resp: 578523
Ion Ratio	Lower Upper
75 100	
77 31.8	22.9 34.3
39 46.6	37.4 56.2

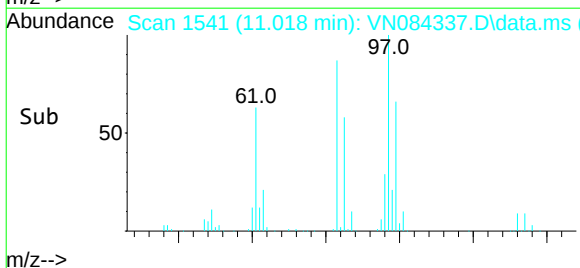
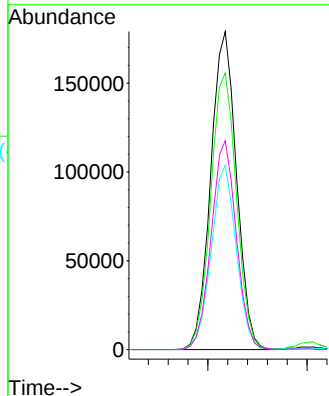
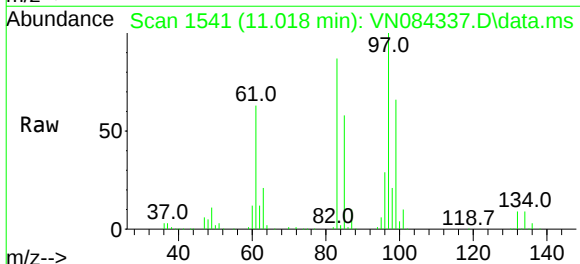
Manual Integrations
APPROVED

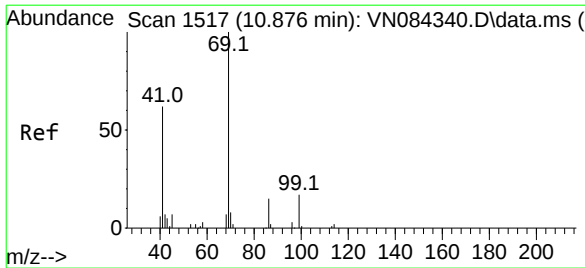
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#50
1,1,2-Trichloroethane
Concen: 151.179 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

Tgt Ion: 97	Resp: 323065
Ion Ratio	Lower Upper
97 100	
83 86.9	67.8 101.8
85 58.0	44.2 66.2
99 65.6	47.8 71.8





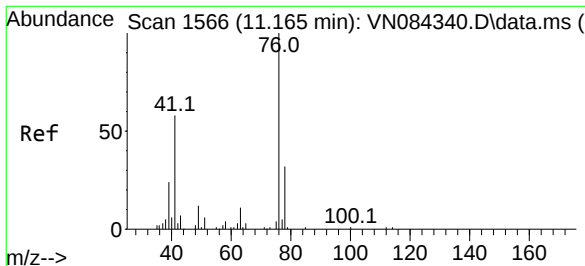
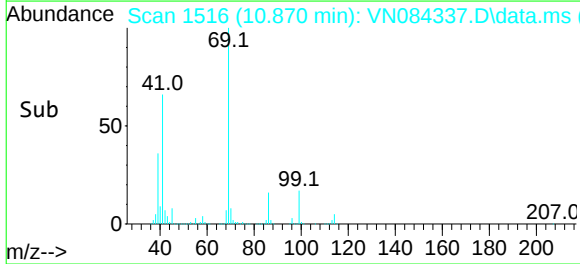
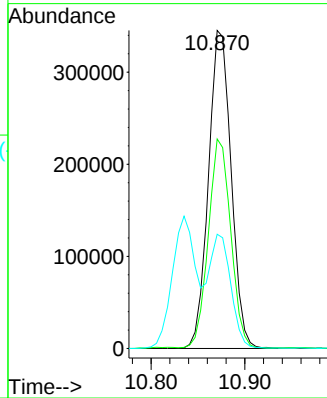
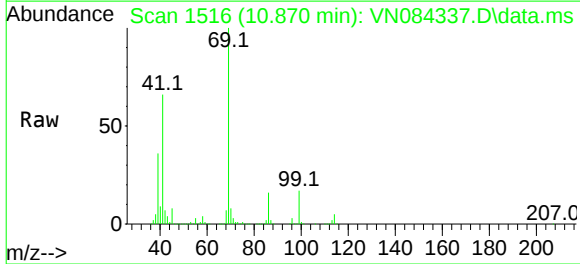
#51
Ethyl methacrylate
Concen: 164.863 ug/l
RT: 10.870 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 69 Resp: 581930
Ion Ratio Lower Upper
69 100
41 65.7 30.9 92.7
39 35.8 16.6 49.7

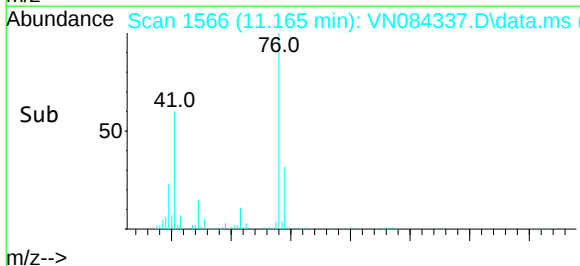
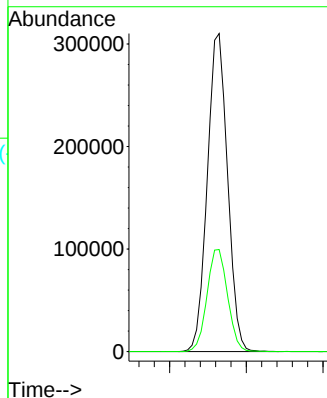
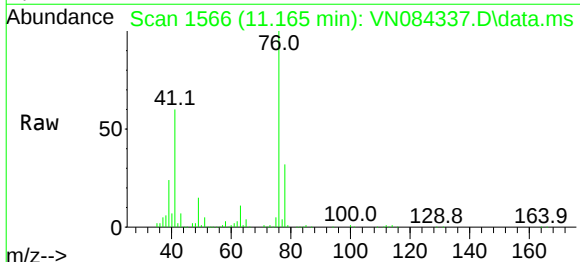
Manual Integrations
APPROVED

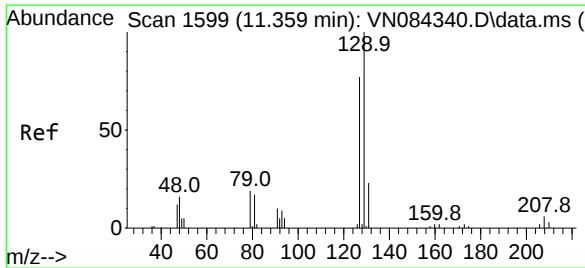
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#52
1,3-Dichloropropane
Concen: 152.279 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

Tgt Ion: 76 Resp: 568999
Ion Ratio Lower Upper
76 100
78 32.6 0.0 64.2





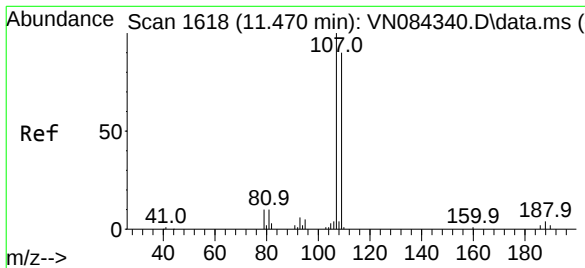
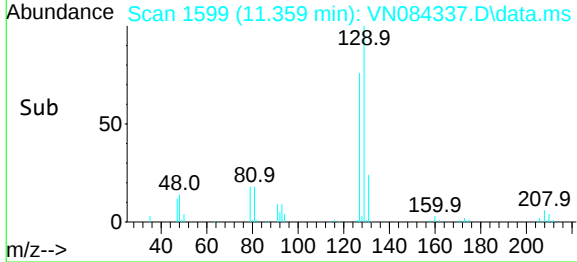
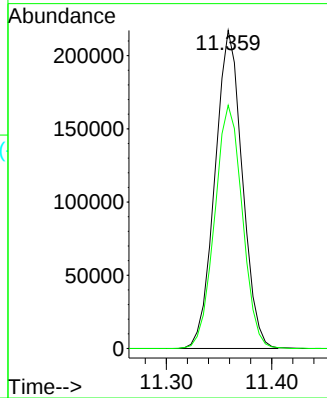
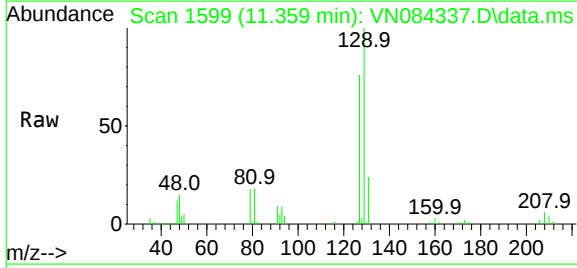
#53
Dibromochloromethane
Concen: 154.875 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:129 Resp: 390970
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

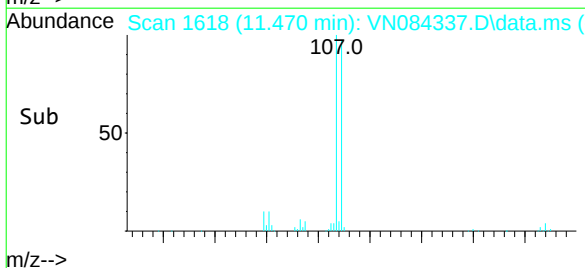
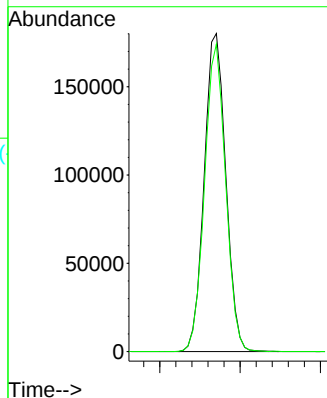
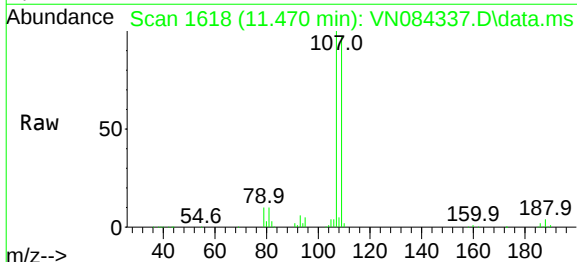
Manual Integrations
APPROVED

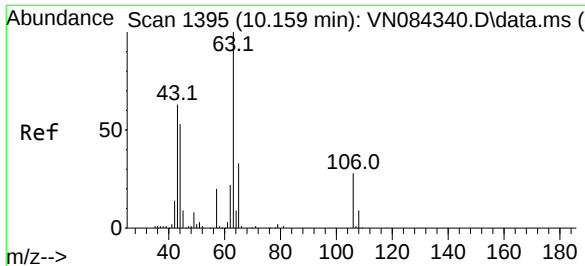
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#54
1,2-Dibromoethane
Concen: 153.033 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

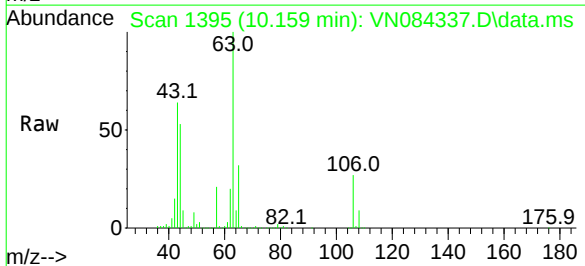
Tgt Ion:107 Resp: 336624
Ion Ratio Lower Upper
107 100
109 94.2 73.8 110.6





#55
2-Chloroethyl vinyl ether
Concen: 833.093 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

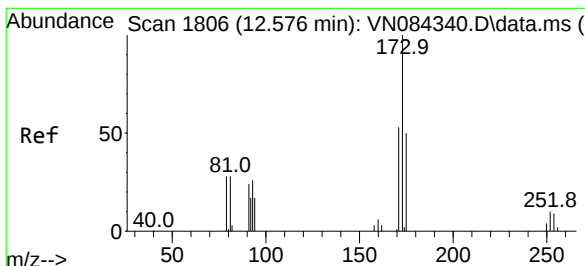
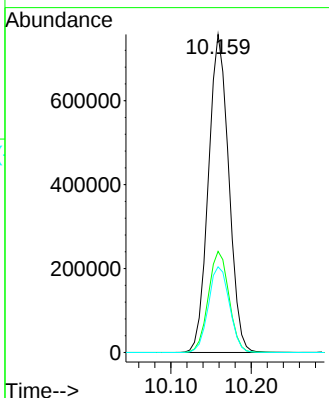
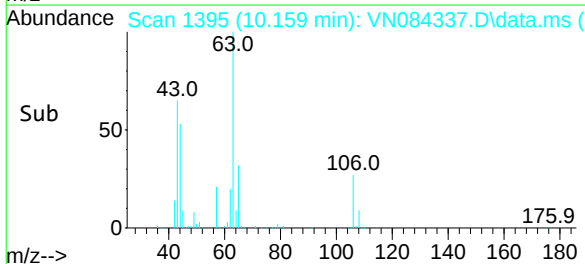
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



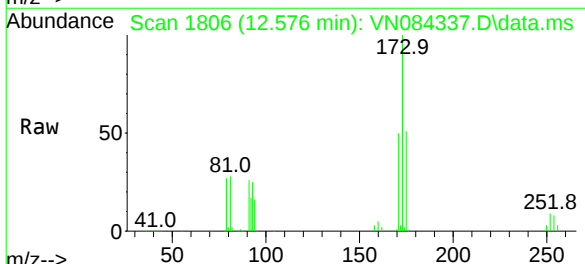
Tgt Ion: 63 Resp: 1333727
Ion Ratio Lower Upper
63 100
65 32.3 25.6 38.4
106 28.0 21.6 32.4

Manual Integrations
APPROVED

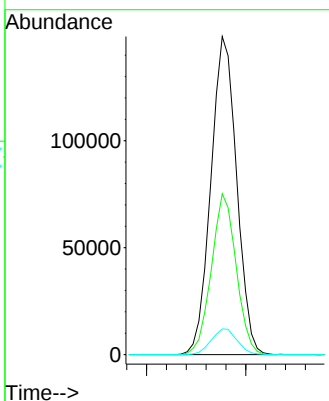
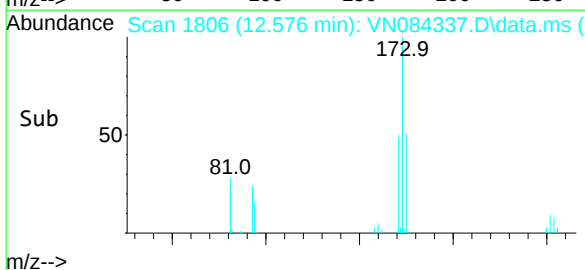
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

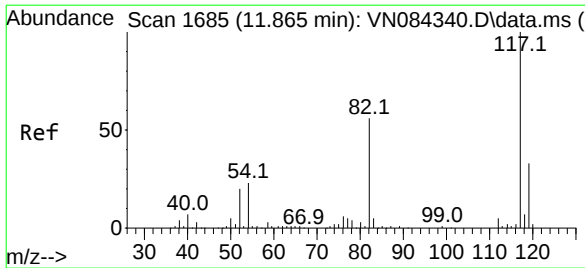


#56
Bromoform
Concen: 160.094 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43



Tgt Ion:173 Resp: 268044
Ion Ratio Lower Upper
173 100
175 48.6 39.4 59.2
254 8.1 6.8 10.2





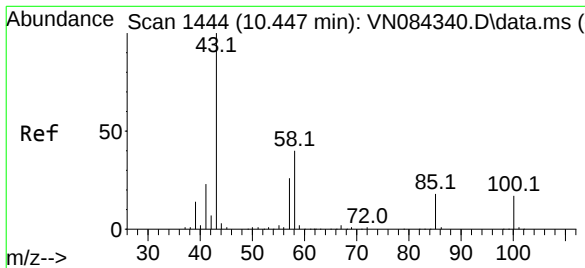
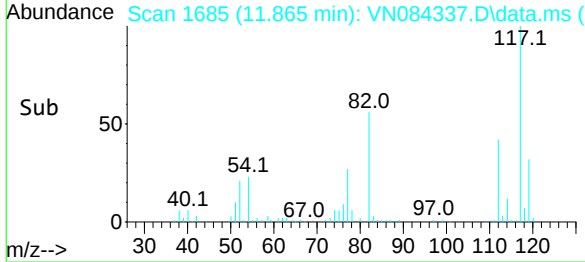
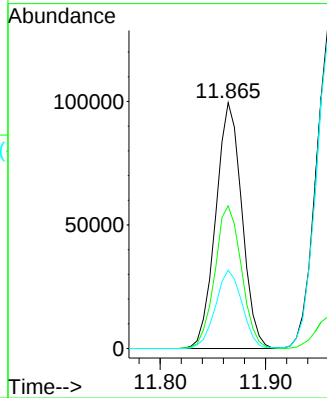
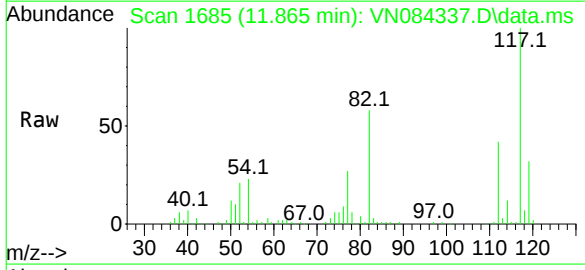
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 117 Resp: 171821
Ion Ratio Lower Upper
117 100
82 58.8 46.2 69.4
119 32.4 25.4 38.2

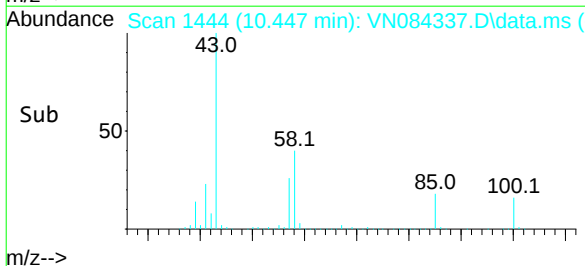
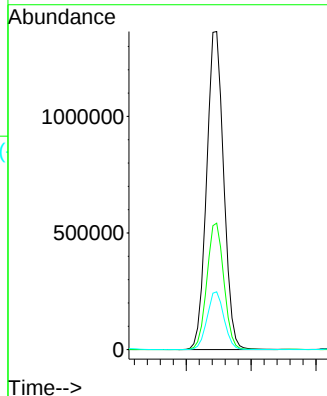
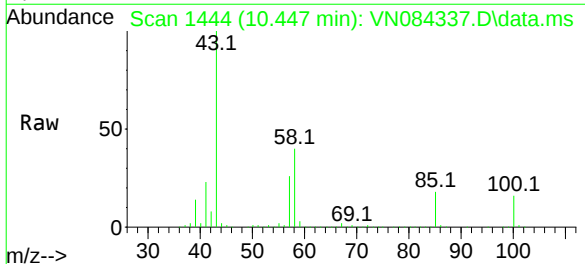
Manual Integrations
APPROVED

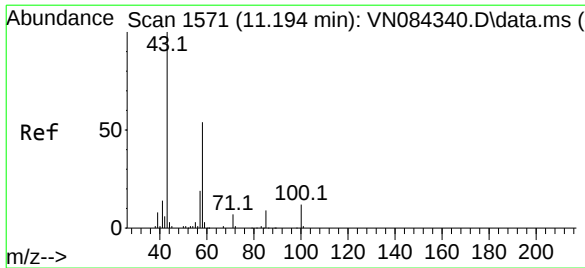
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#58
4-Methyl-2-Pentanone
Concen: 778.311 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

Tgt Ion: 43 Resp: 2491181
Ion Ratio Lower Upper
43 100
58 39.6 31.9 47.9
85 18.0 14.6 22.0





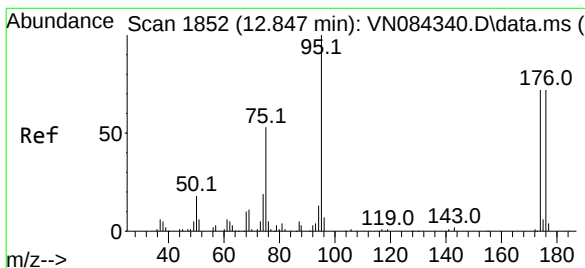
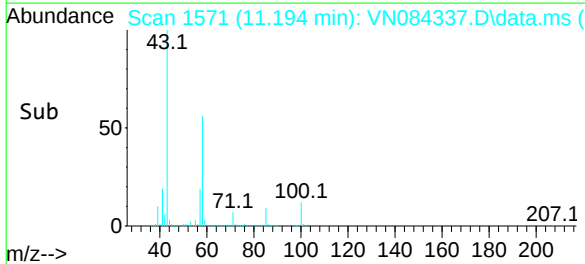
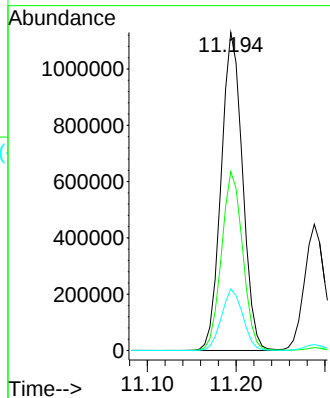
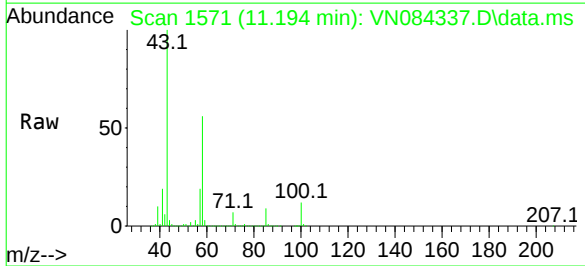
#59
2-Hexanone
Concen: 795.133 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 1891152
Ion Ratio Lower Upper
43 100
58 55.7 44.0 66.0
57 19.3 15.4 23.2

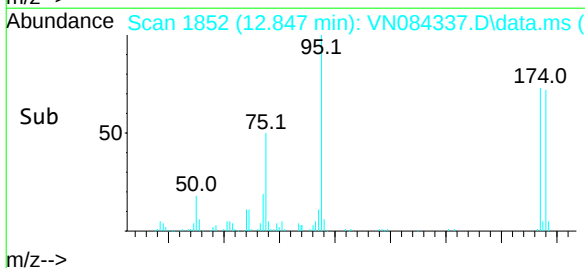
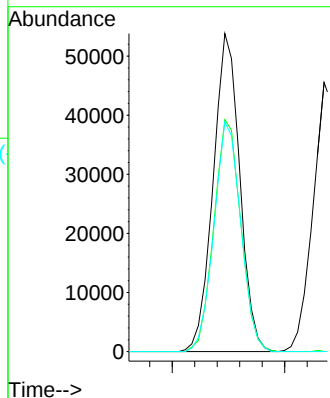
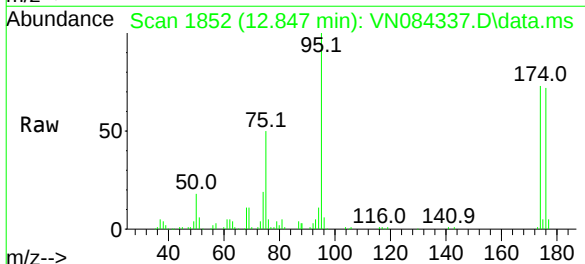
Manual Integrations
APPROVED

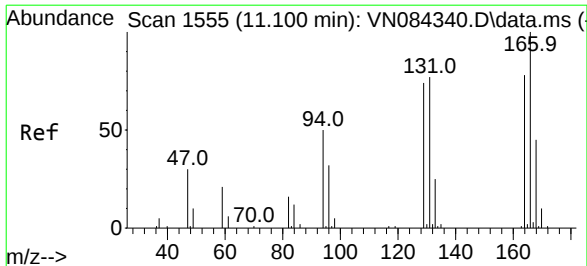
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#60
4-Bromofluorobenzene
Concen: 31.155 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

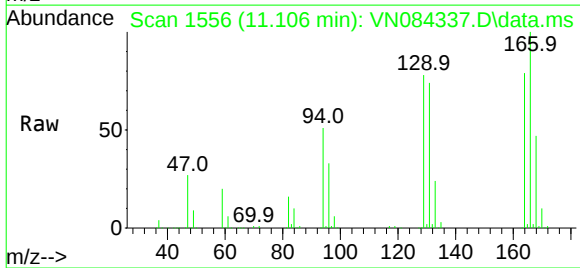
Tgt Ion: 95 Resp: 88349
Ion Ratio Lower Upper
95 100
174 73.9 58.2 87.2
176 72.8 56.4 84.6





#61
Tetrachloroethene
Concen: 149.507 ug/l
RT: 11.106 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

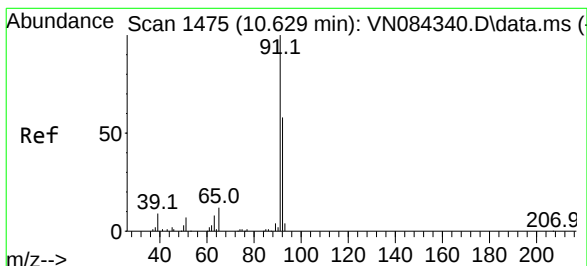
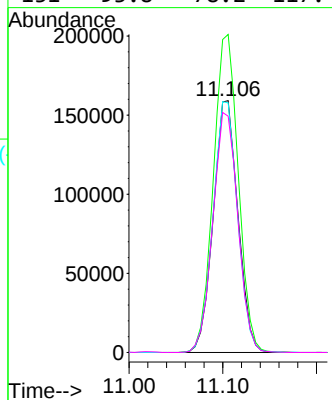
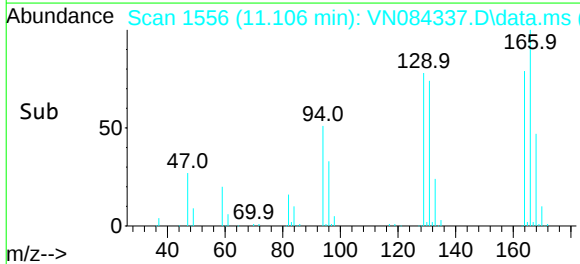
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 164 Resp: 290573
Ion Ratio Lower Upper
164 100
166 126.3 102.5 153.7
129 99.1 75.7 113.5
131 93.8 78.2 117.4

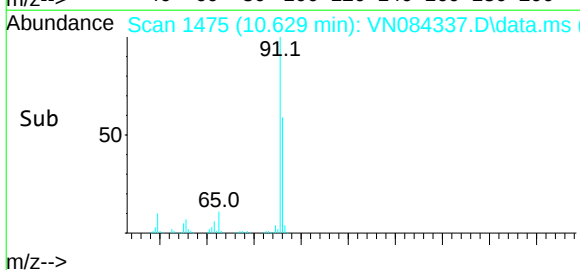
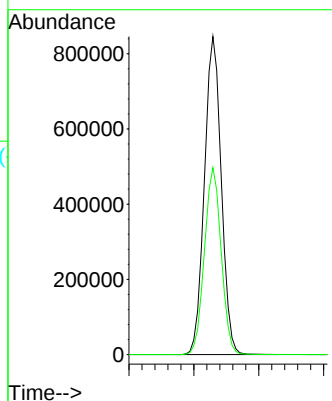
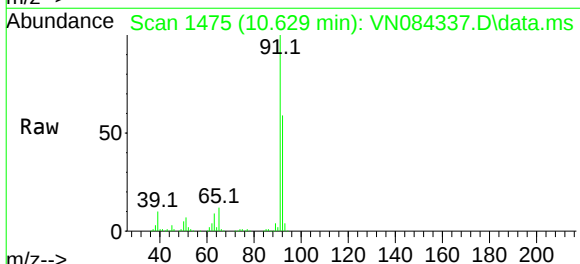
Manual Integrations
APPROVED

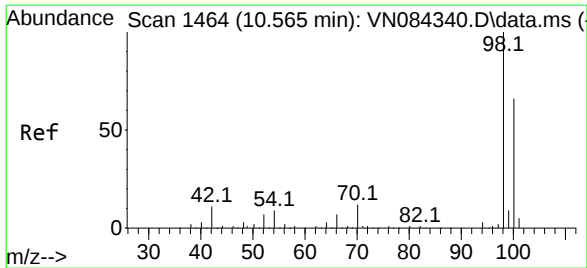
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#62
Toluene
Concen: 151.621 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

Tgt Ion: 91 Resp: 1525116
Ion Ratio Lower Upper
91 100
92 58.4 47.2 70.8





#63

Toluene-d8

Concen: 30.166 ug/l

RT: 10.565 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN084337.D

Acq: 08 Oct 2024 09:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 98 Resp: 240116

Ion Ratio Lower Upper

98 100

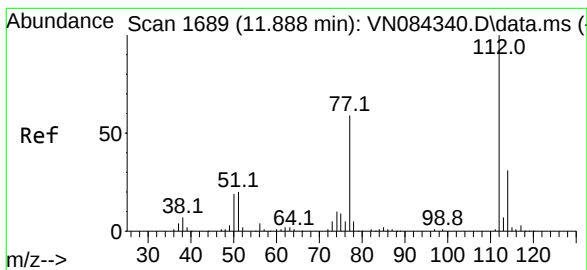
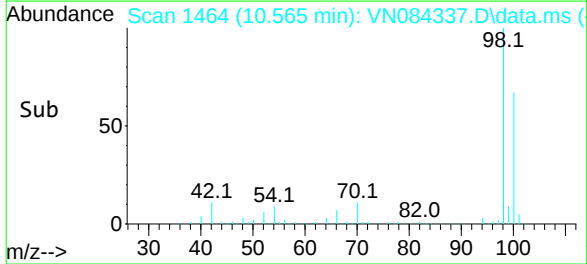
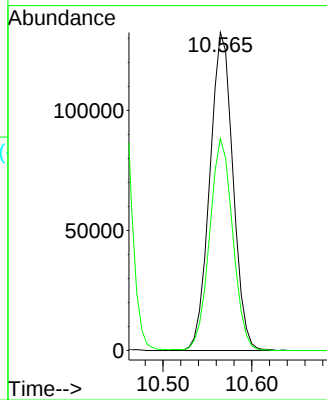
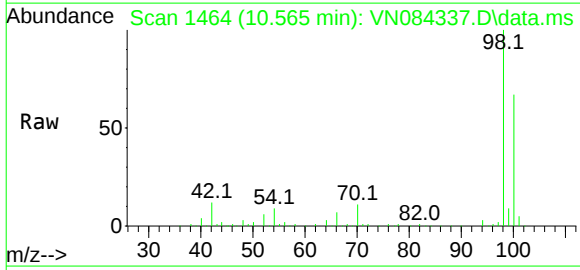
100 66.6 52.5 78.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#64

Chlorobenzene

Concen: 151.211 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. 0.006 min

Lab File: VN084337.D

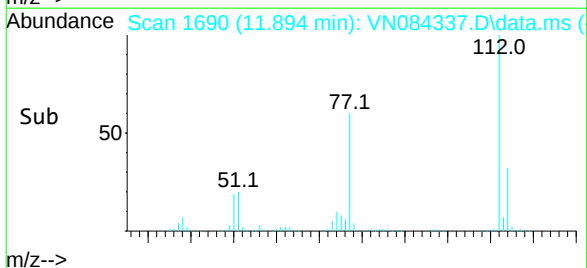
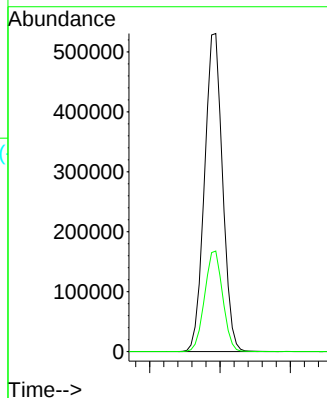
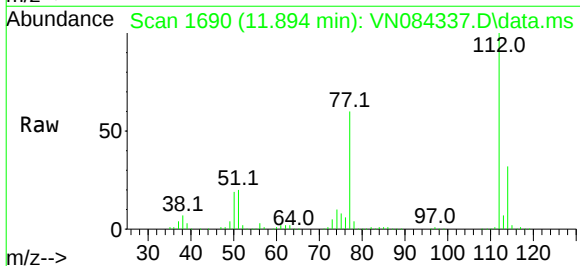
Acq: 08 Oct 2024 09:43

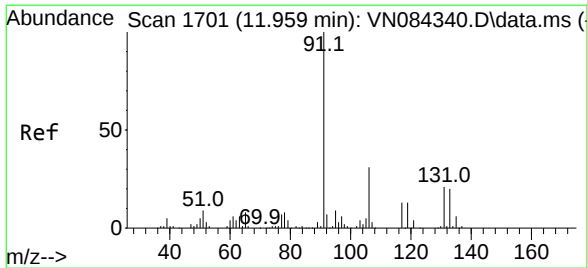
Tgt Ion:112 Resp: 946501

Ion Ratio Lower Upper

112 100

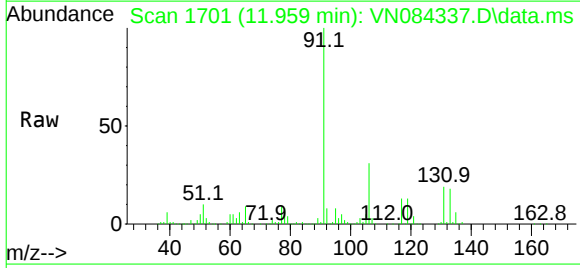
114 31.6 25.1 37.7





#65
1,1,1,2-Tetrachloroethane
Concen: 152.311 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

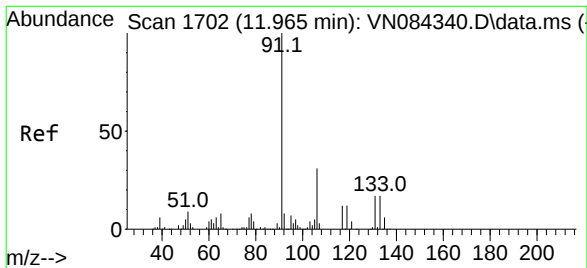
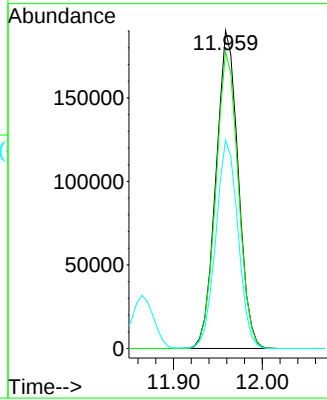
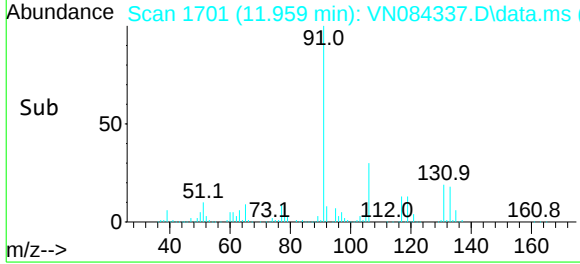
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:131 Resp: 331211
Ion Ratio Lower Upper
131 100
133 94.0 0.0 190.4
119 65.5 0.0 130.0

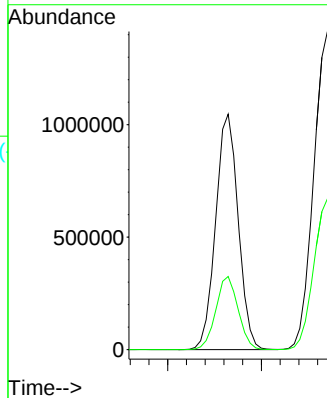
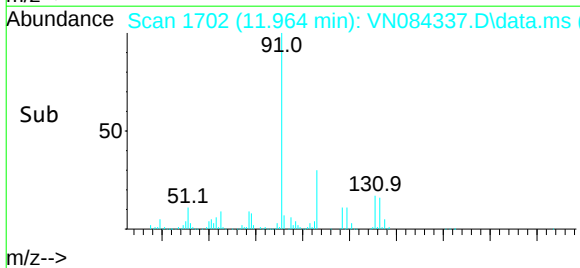
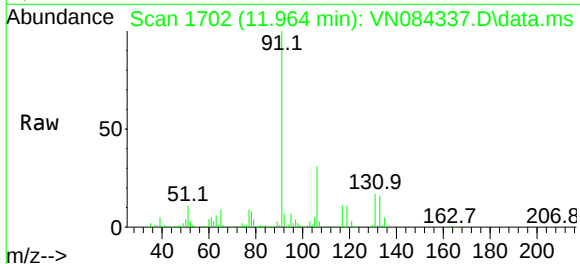
Manual Integrations
APPROVED

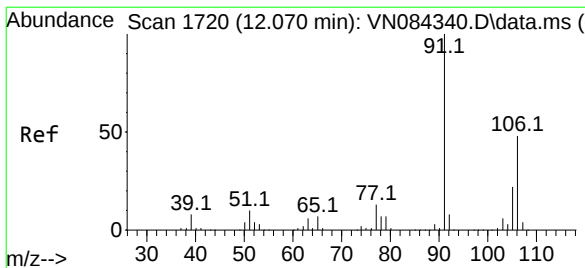
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#66
Ethyl Benzene
Concen: 160.094 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

Tgt Ion: 91 Resp: 1749567
Ion Ratio Lower Upper
91 100
106 31.1 25.2 37.8





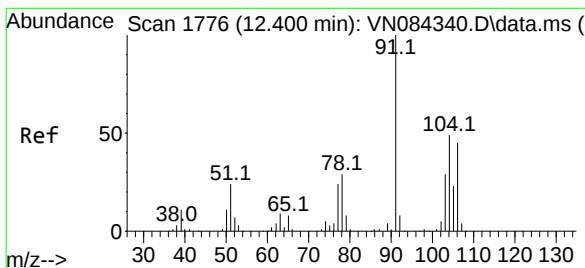
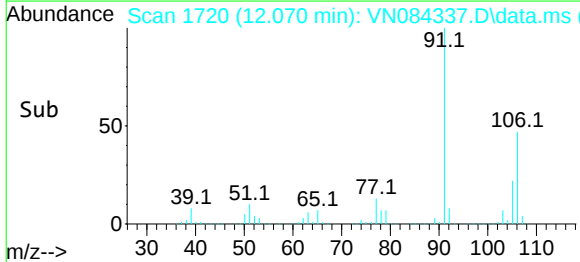
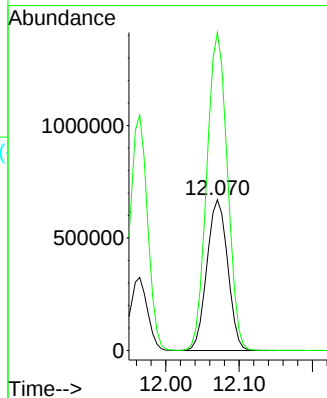
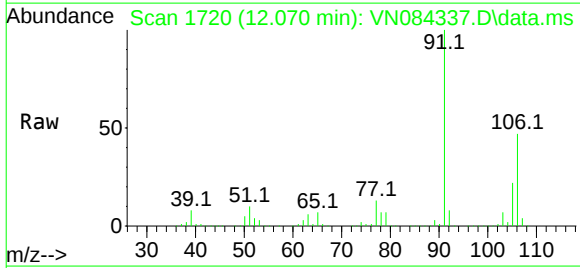
#67
m/p-Xylenes
Concen: 318.270 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 1319448
Ion Ratio Lower Upper
106 100
91 209.0 166.7 250.1

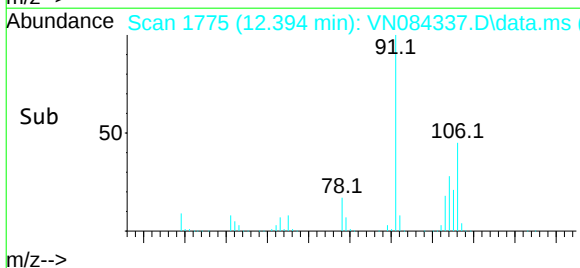
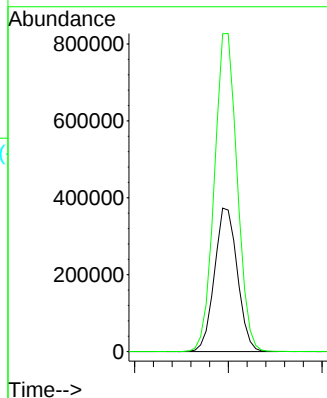
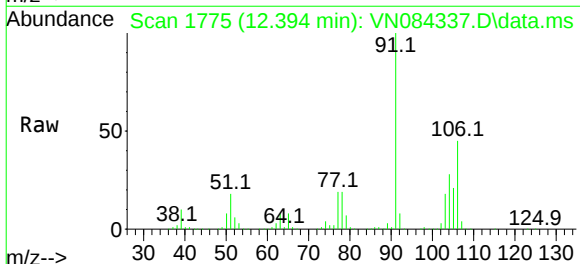
Manual Integrations
APPROVED

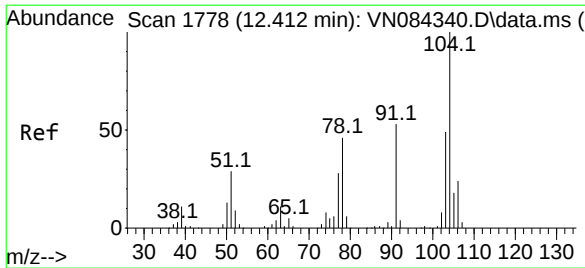
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#68
o-Xylene
Concen: 158.611 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

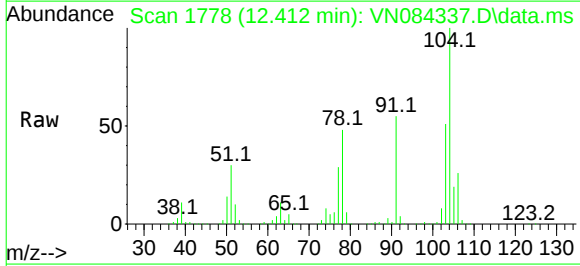
Tgt Ion:106 Resp: 633813
Ion Ratio Lower Upper
106 100
91 220.6 110.9 332.9





#69
Styrene
Concen: 161.432 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

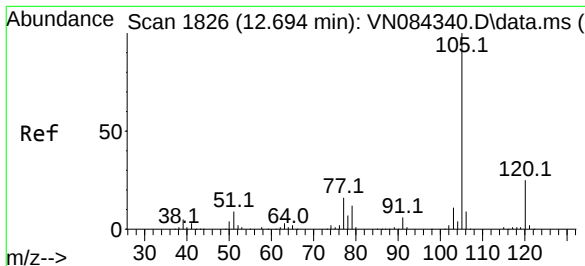
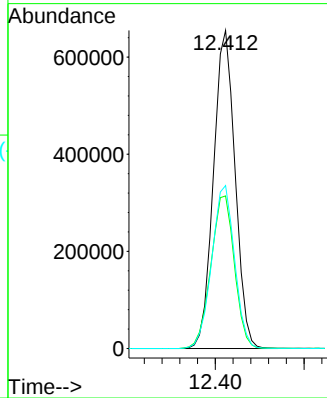
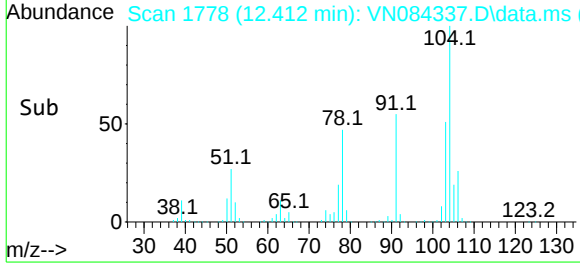
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



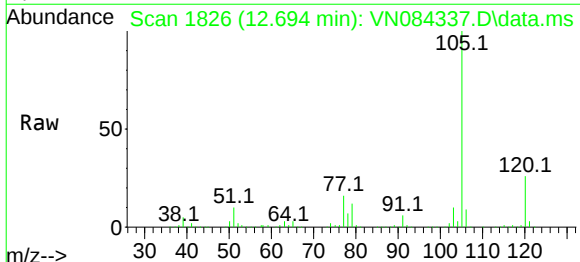
Tgt Ion:104 Resp: 1107376
Ion Ratio Lower Upper
104 100
78 52.2 41.6 62.4
103 54.1 44.4 66.6

Manual Integrations
APPROVED

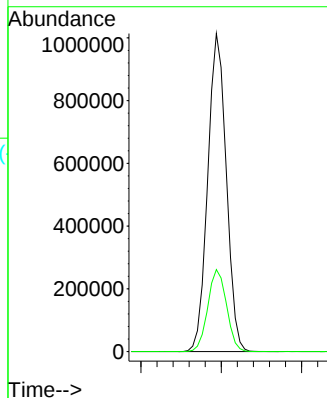
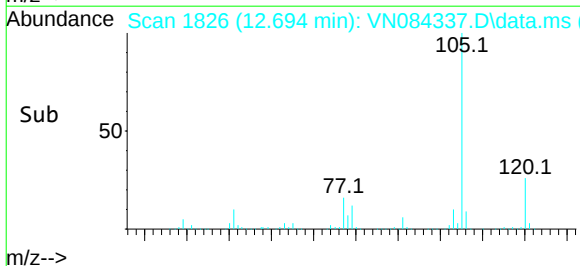
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

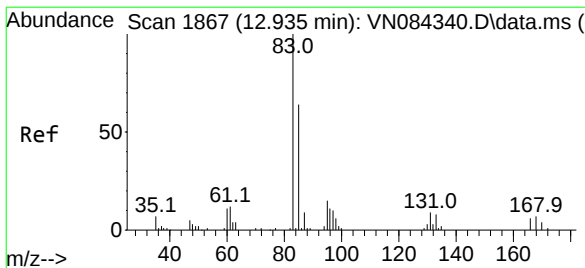


#70
Isopropylbenzene
Concen: 159.320 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43



Tgt Ion:105 Resp: 1625283
Ion Ratio Lower Upper
105 100
120 26.0 17.4 32.4





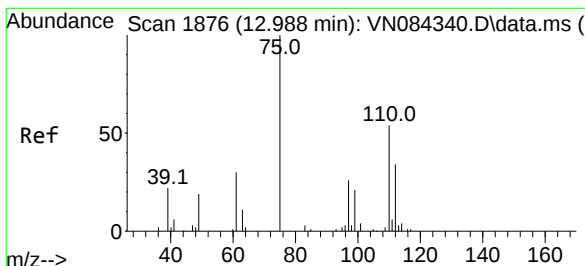
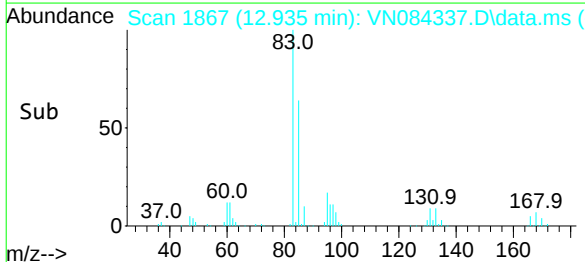
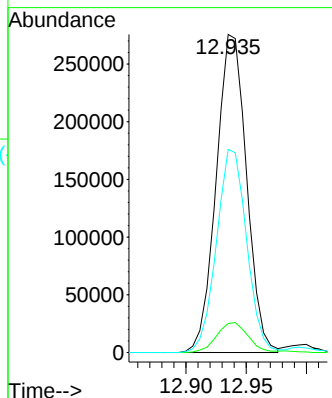
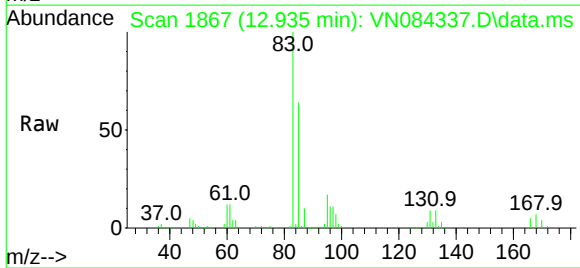
#71
1,1,2,2-Tetrachloroethane
Concen: 153.053 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion	83	Resp	483003
Ion Ratio	100		
Lower			
Upper			
83	100		
131	9.6	5.1	15.3
85	63.6	32.0	96.2

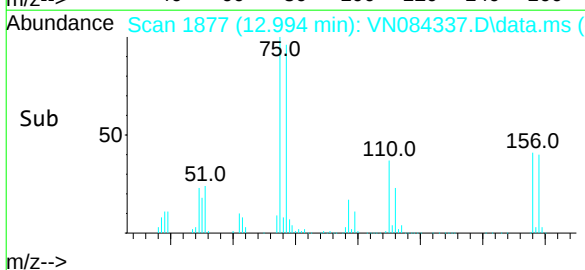
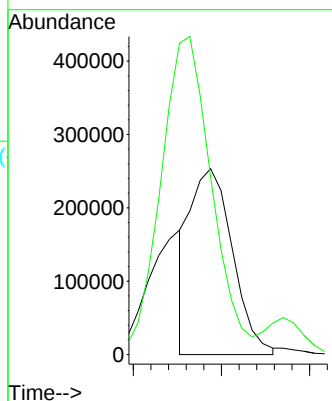
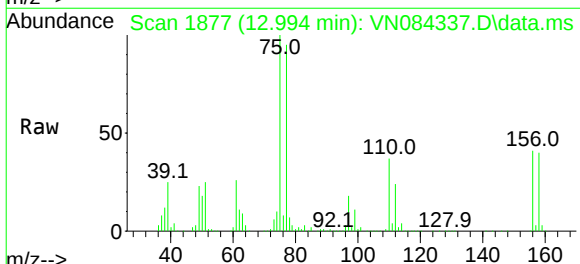
Manual Integrations
APPROVED

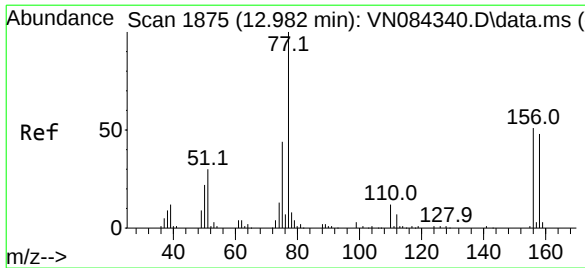
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#72
1,2,3-Trichloropropane
Concen: 156.469 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

Tgt Ion	75	Resp	422311
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td></td> <td></td> <td></td>			
Upper <td></td> <td></td> <td></td>			
75	100		
77	205.2	0.0	414.0





#73

Bromobenzene

Concen: 155.148 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN084337.D

Acq: 08 Oct 2024 09:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

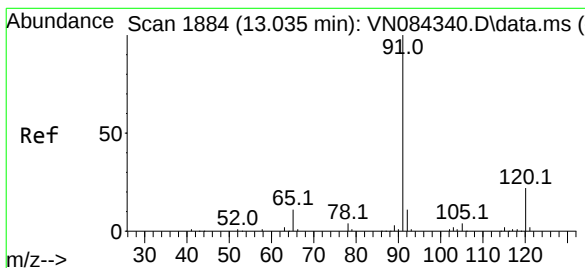
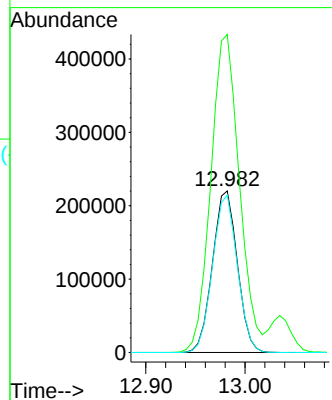
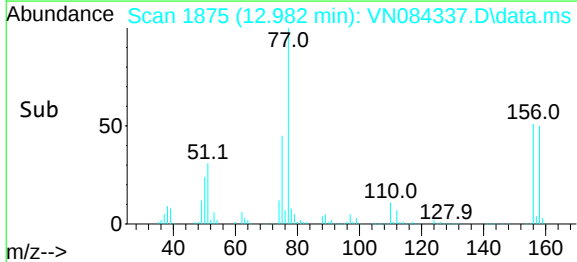
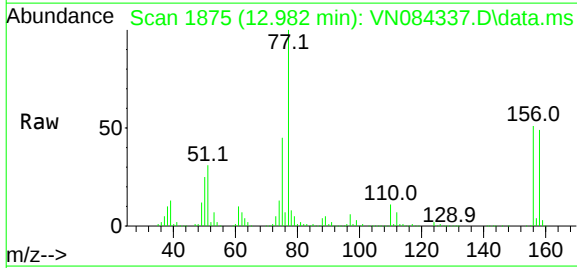
Tgt Ion:	156	Resp:	383306
Ion Ratio	Lower	Upper	
156	100		
77	226.0	0.0	451.0
158	96.9	0.0	194.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#74

n-propylbenzene

Concen: 161.778 ug/l

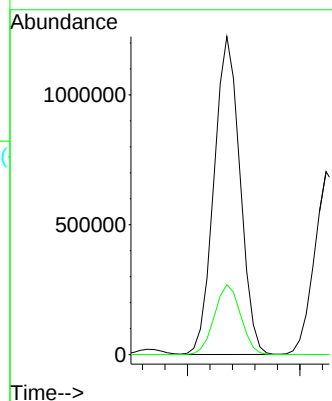
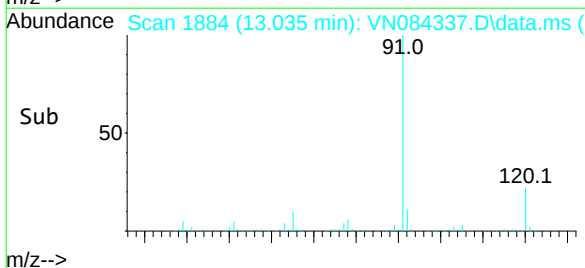
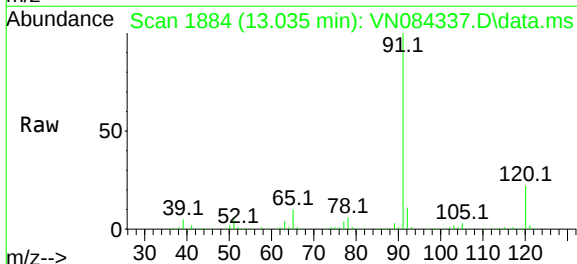
RT: 13.035 min Scan# 1884

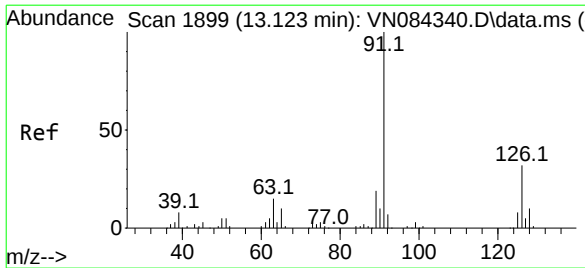
Delta R.T. -0.000 min

Lab File: VN084337.D

Acq: 08 Oct 2024 09:43

Tgt Ion:	91	Resp:	1966655
Ion Ratio	Lower	Upper	
91	100		
120	22.2	0.0	43.2





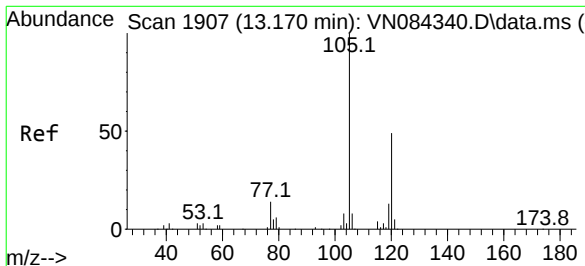
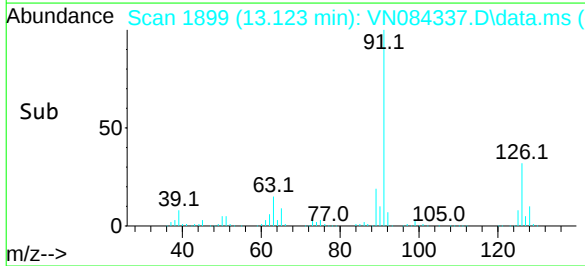
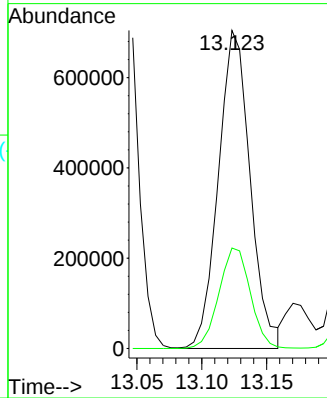
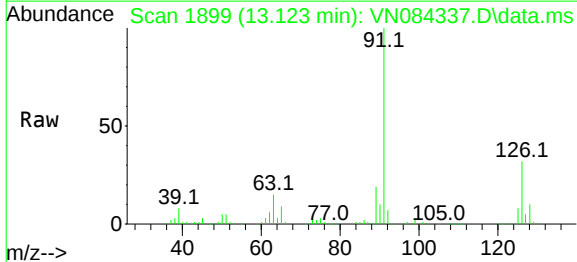
#75
2-Chlorotoluene
Concen: 158.816 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 1199693
Ion Ratio Lower Upper
91 100
126 31.3 0.0 64.0

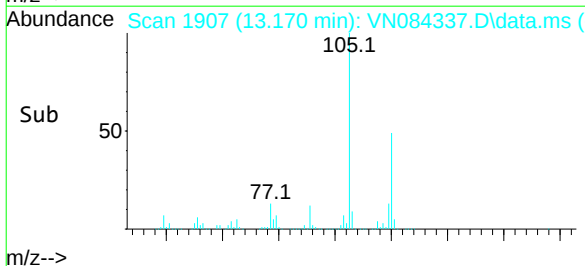
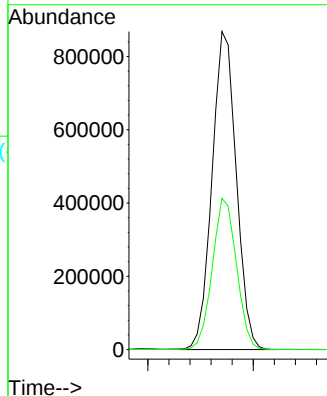
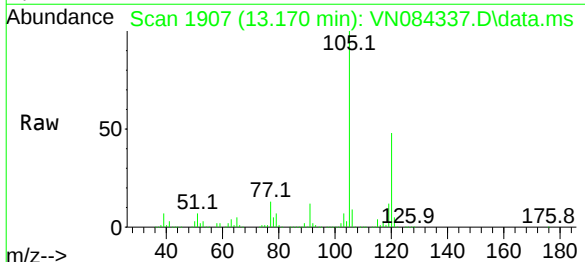
Manual Integrations
APPROVED

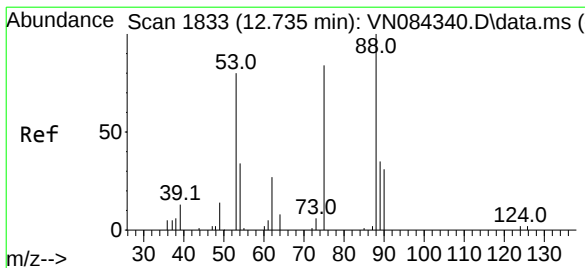
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#76
1,3,5-Trimethylbenzene
Concen: 161.447 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

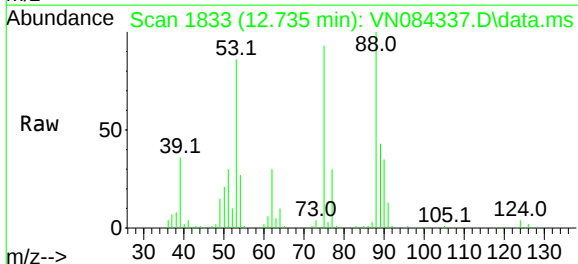
Tgt Ion:105 Resp: 1386742
Ion Ratio Lower Upper
105 100
120 47.5 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 167.468 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

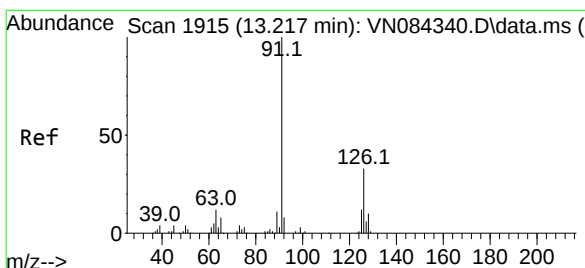
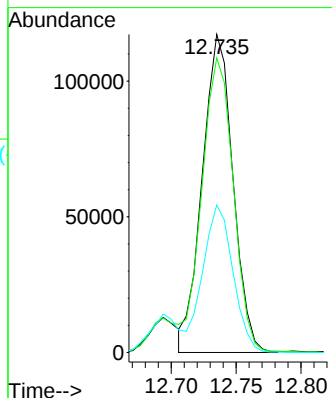
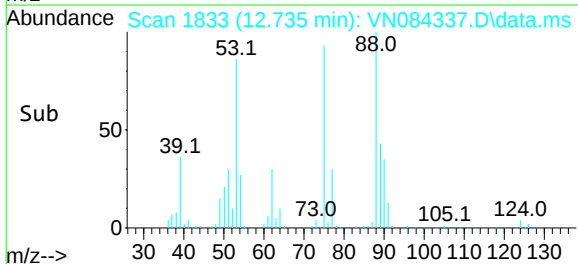
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 193413
Ion Ratio Lower Upper
75 100
53 92.6 47.3 142.0
89 46.4 22.9 68.8

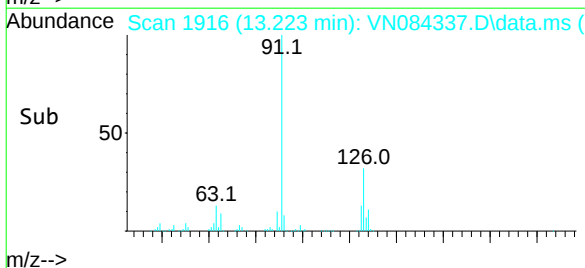
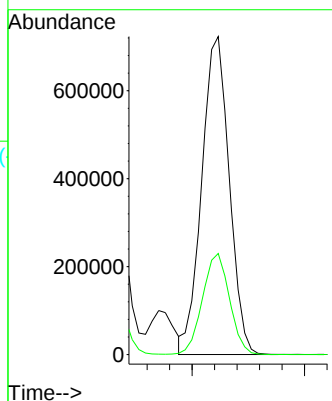
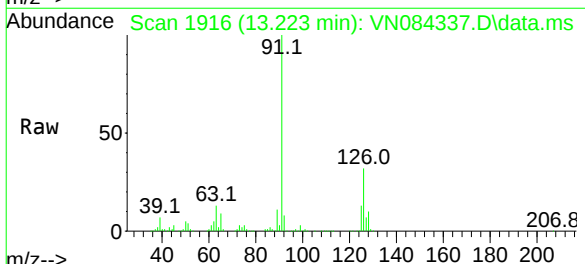
Manual Integrations
APPROVED

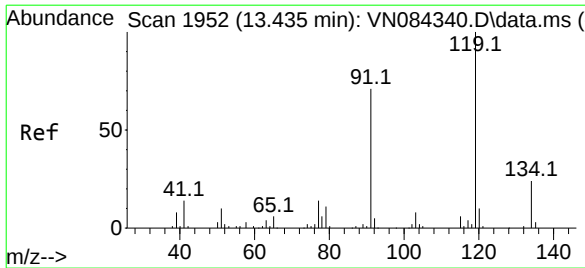
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#78
4-Chlorotoluene
Concen: 159.769 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

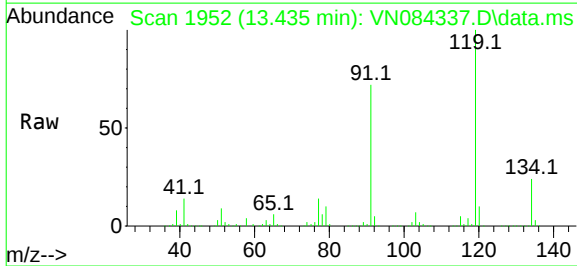
Tgt Ion: 91 Resp: 1227049
Ion Ratio Lower Upper
91 100
126 31.3 0.0 62.4





#79
tert-butylbenzene
Concen: 161.368 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

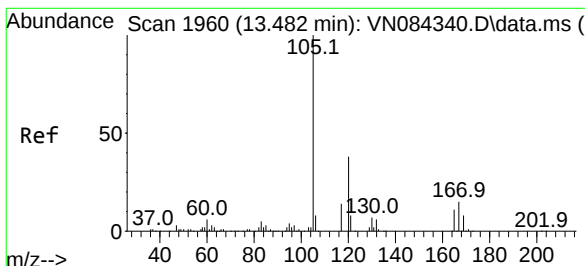
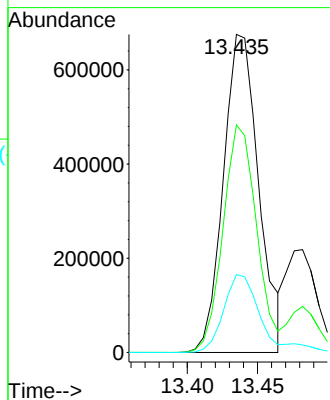
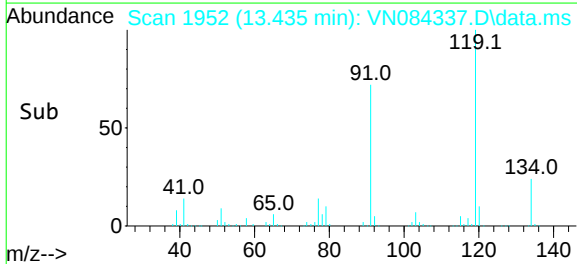
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



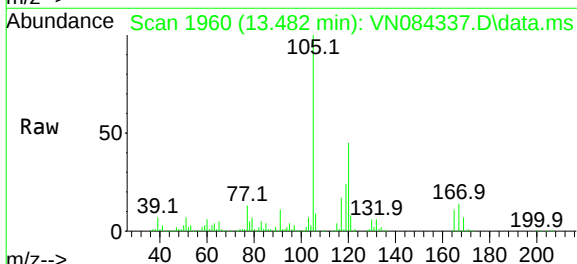
Tgt Ion:119 Resp: 1182498
Ion Ratio Lower Upper
119 100
91 67.9 0.0 138.0
134 23.5 0.0 48.8

Manual Integrations
APPROVED

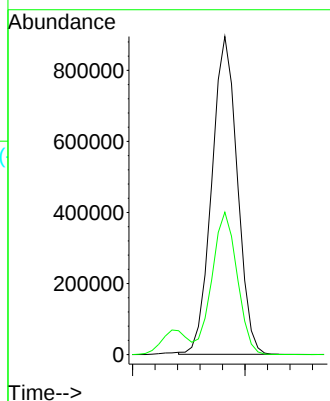
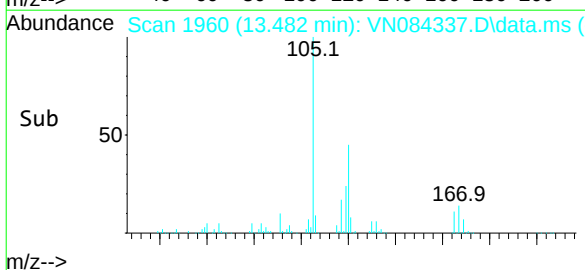
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

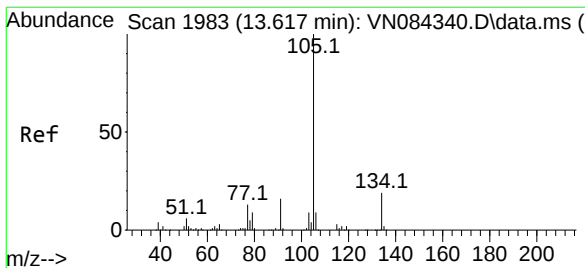


#80
1,2,4-Trimethylbenzene
Concen: 161.849 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43



Tgt Ion:105 Resp: 1410559
Ion Ratio Lower Upper
105 100
120 44.4 0.0 88.8





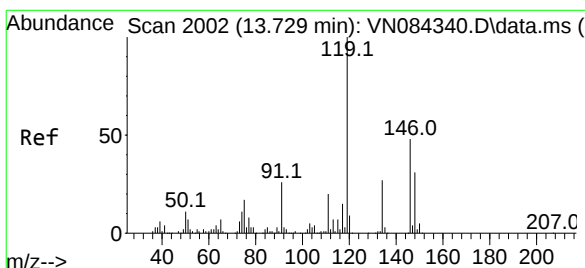
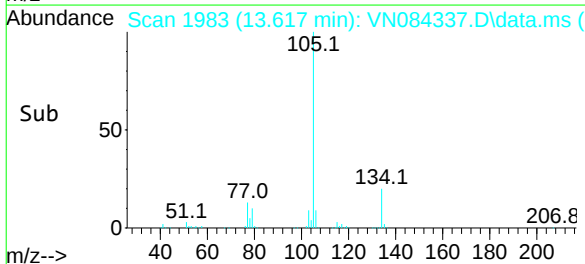
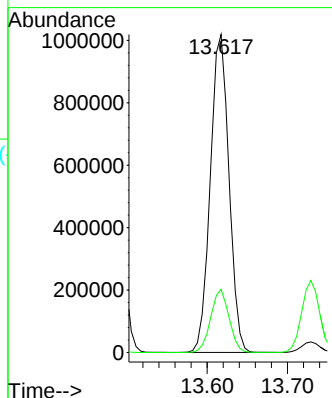
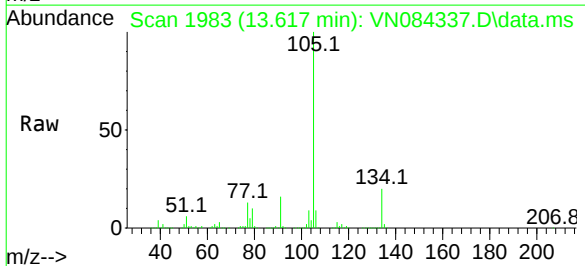
#81
sec-Butylbenzene
Concen: 162.908 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:105 Resp: 1643555
Ion Ratio Lower Upper
105 100
134 19.5 0.0 38.0

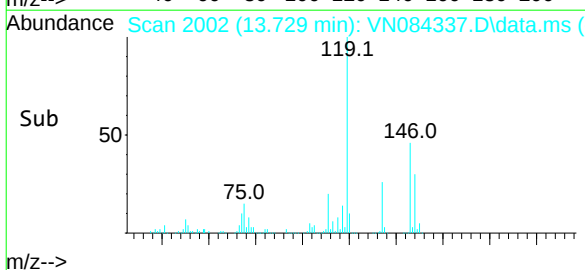
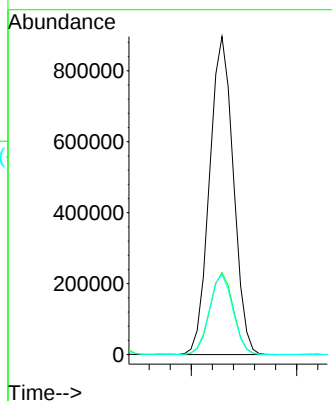
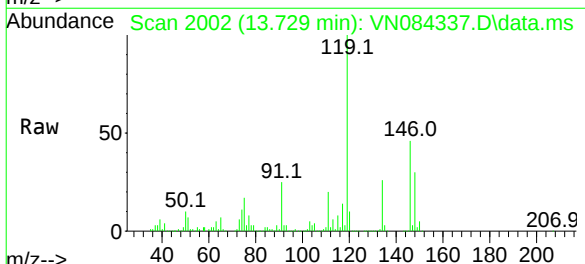
Manual Integrations
APPROVED

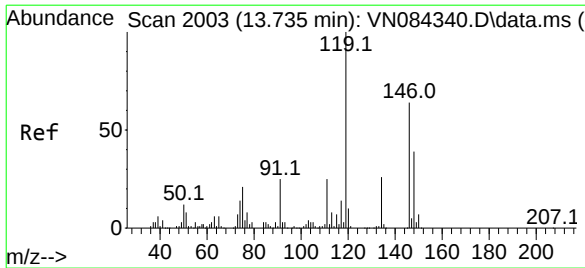
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#82
p-Isopropyltoluene
Concen: 165.992 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

Tgt Ion:119 Resp: 1409541
Ion Ratio Lower Upper
119 100
134 25.3 0.0 50.2
91 25.0 0.0 50.6





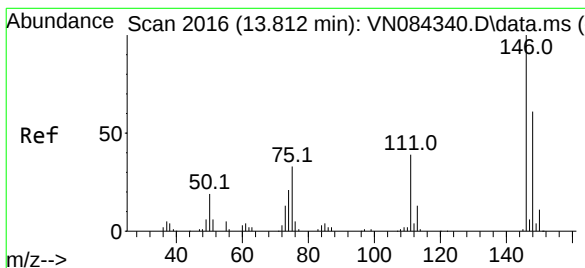
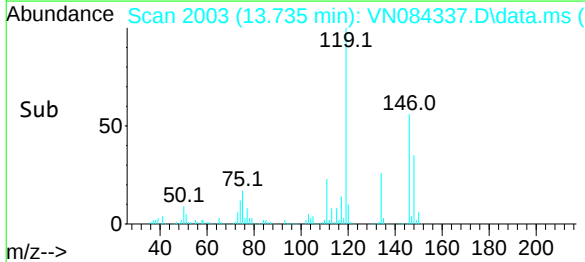
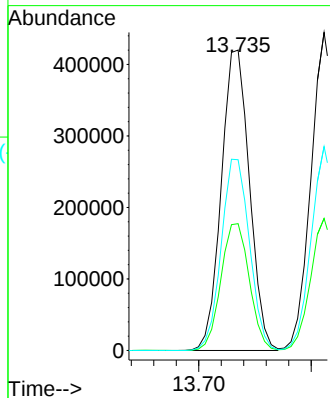
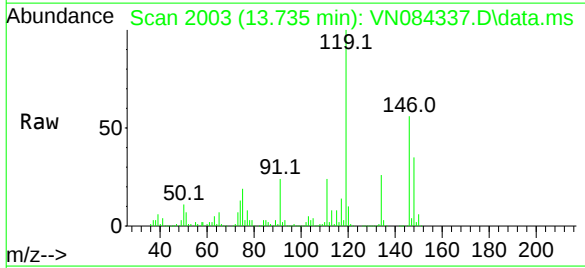
#83
1,3-Dichlorobenzene
Concen: 159.183 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 731253
Ion Ratio Lower Upper
146 100
111 42.6 20.6 61.9
148 63.7 31.6 94.7

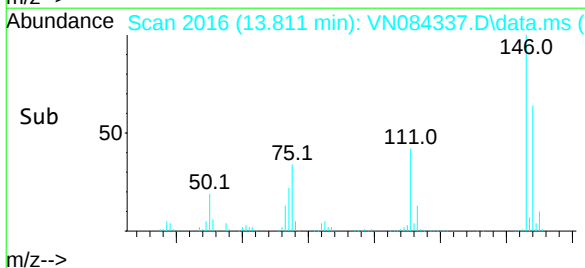
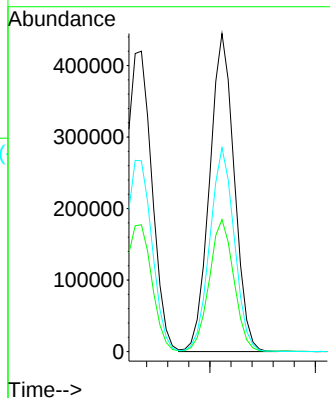
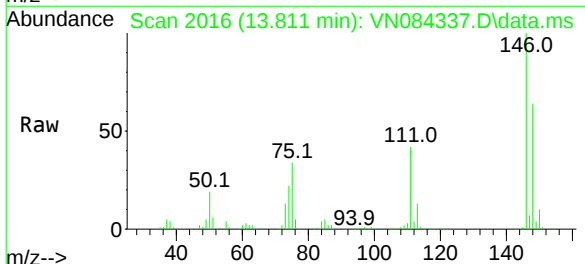
Manual Integrations
APPROVED

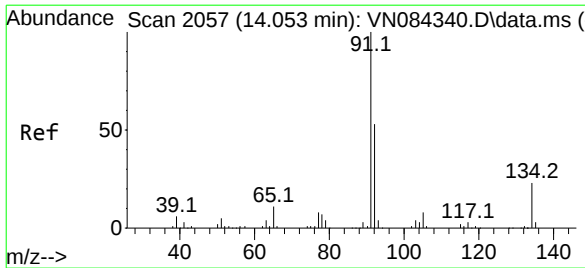
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#84
1,4-Dichlorobenzene
Concen: 158.652 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

Tgt Ion:146 Resp: 723724
Ion Ratio Lower Upper
146 100
111 41.4 20.5 61.5
148 63.3 32.5 97.4





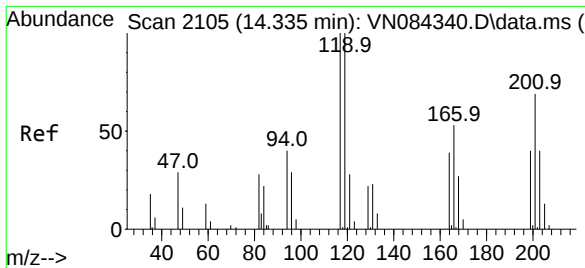
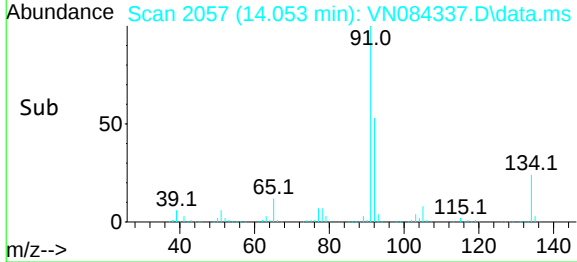
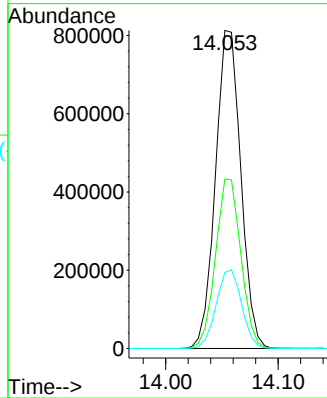
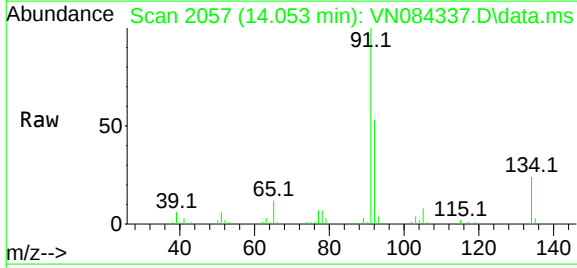
#85
n-Butylbenzene
Concen: 173.335 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 1274832
Ion Ratio Lower Upper
91 100
92 53.2 0.0 103.4
134 24.8 0.0 48.0

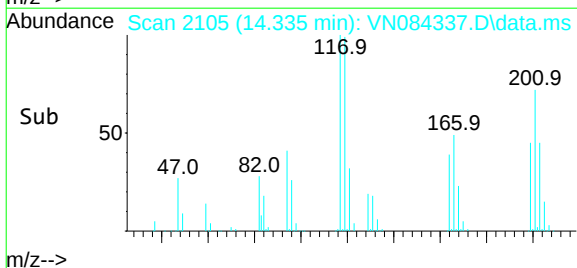
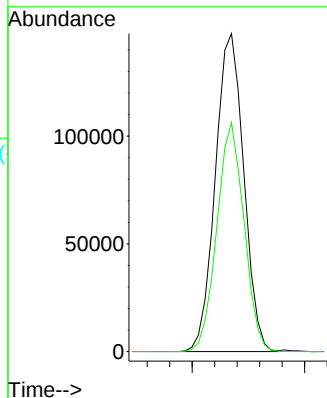
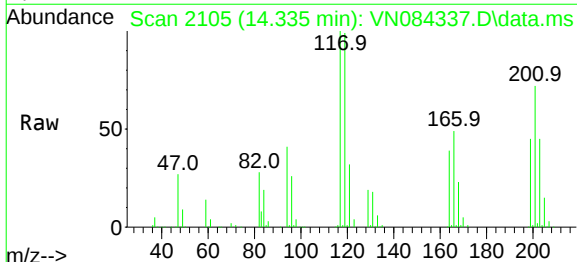
Manual Integrations
APPROVED

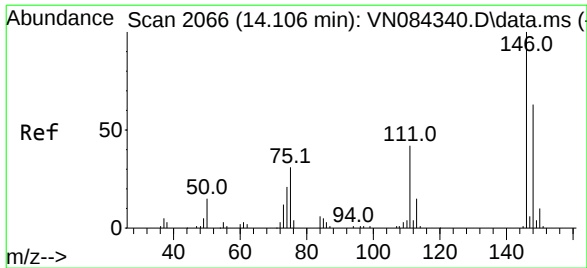
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#86
Hexachloroethane
Concen: 158.553 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

Tgt Ion:117 Resp: 259393
Ion Ratio Lower Upper
117 100
201 68.7 33.9 101.6





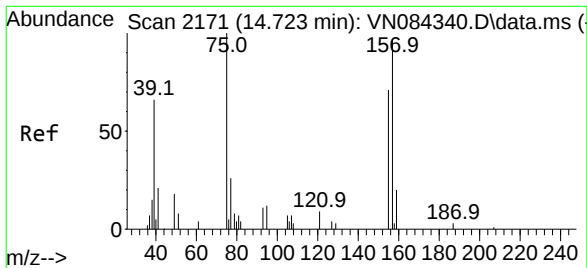
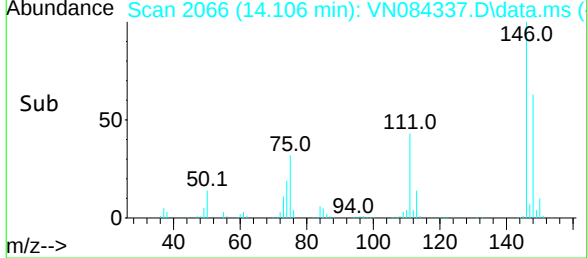
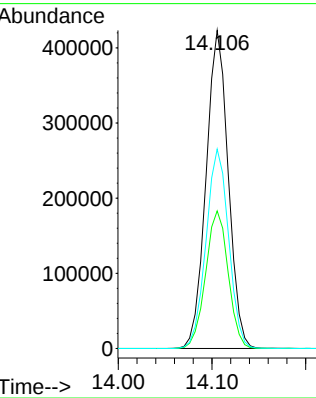
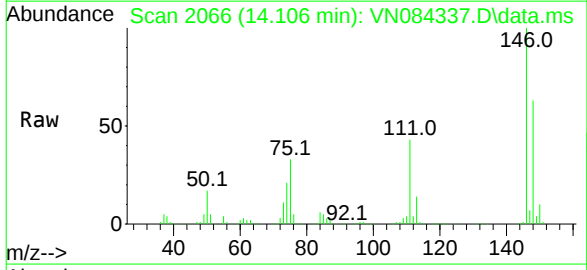
#87
1,2-Dichlorobenzene
Concen: 156.847 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:	146	Resp:	696639
Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.9	65.5
148	63.8	31.1	93.5

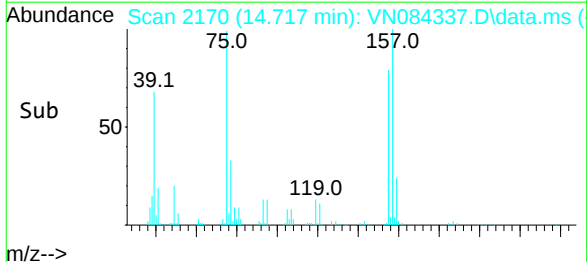
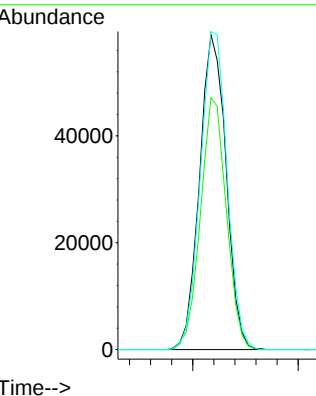
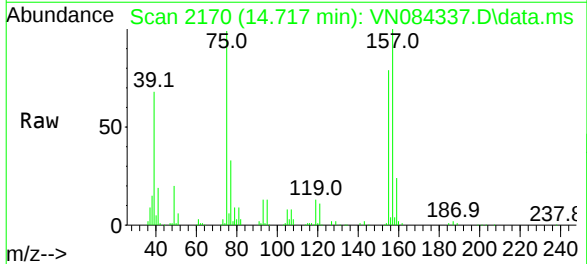
Manual Integrations
APPROVED

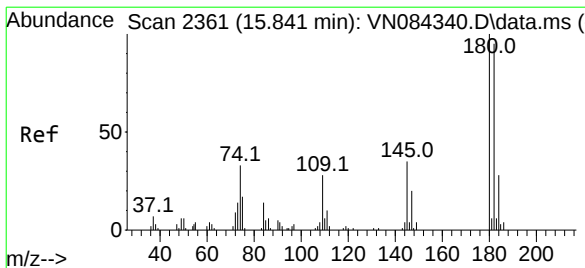
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 159.510 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN084337.D
Acq: 08 Oct 2024 09:43

Tgt Ion:	75	Resp:	102940
Ion	Ratio	Lower	Upper
75	100		
155	78.1	61.8	92.8
157	101.7	77.4	116.0





#89

1,2,4-Trichlorobenzene

Concen: 162.329 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN084337.D

Acq: 08 Oct 2024 09:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

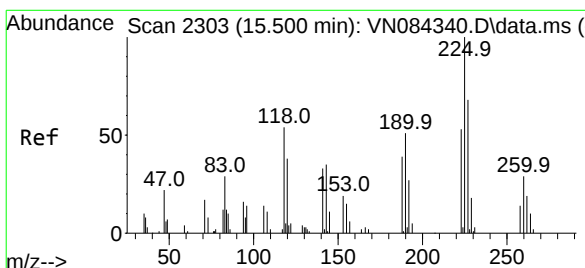
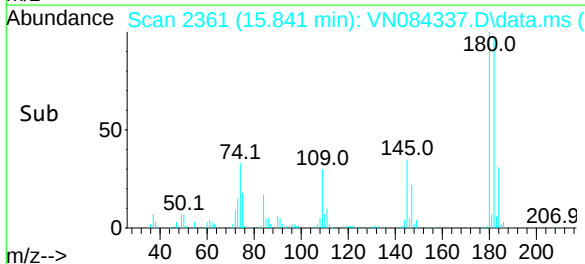
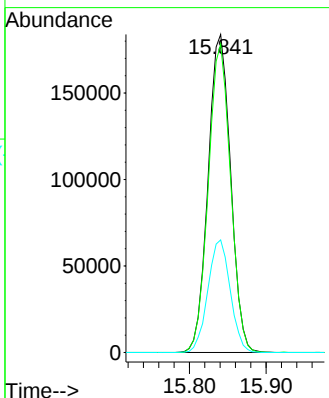
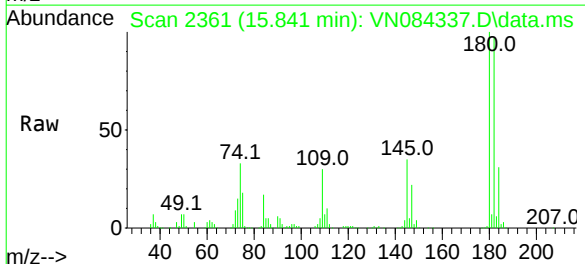
Tgt Ion:	180	Resp:	374861
Ion Ratio	Lower	Upper	
180	100		
182	95.8	77.8	116.6
145	35.2	28.9	43.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#90

Hexachlorobutadiene

Concen: 147.184 ug/l

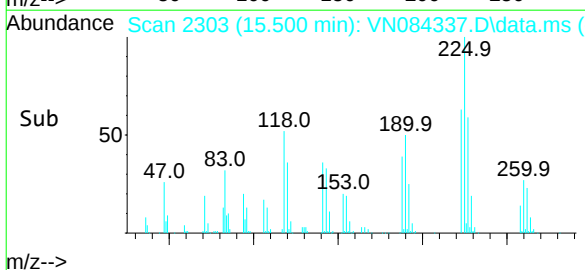
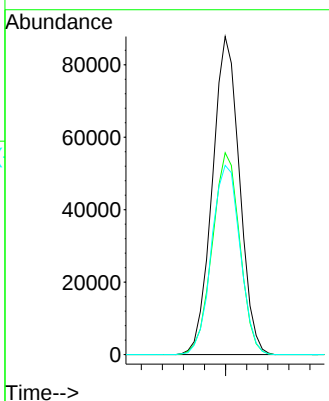
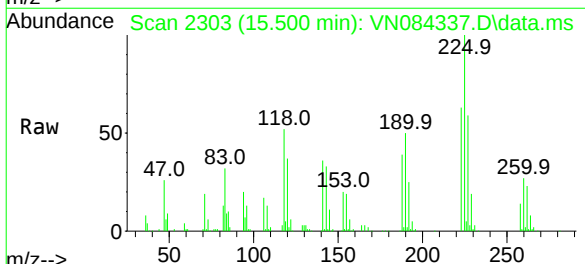
RT: 15.500 min Scan# 2303

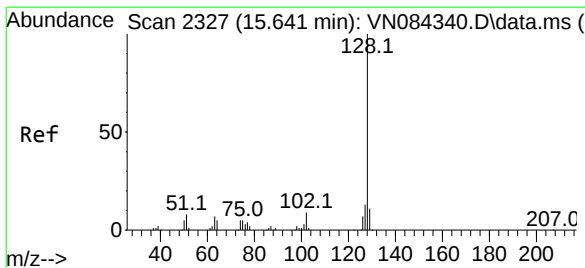
Delta R.T. -0.000 min

Lab File: VN084337.D

Acq: 08 Oct 2024 09:43

Tgt Ion:	225	Resp:	157242
Ion Ratio	Lower	Upper	
225	100		
223	64.0	0.0	124.0
227	62.5	0.0	130.8





#91

Naphthalene

Concen: 170.565 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN084337.D

Acq: 08 Oct 2024 09:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion:128 Resp: 1334733

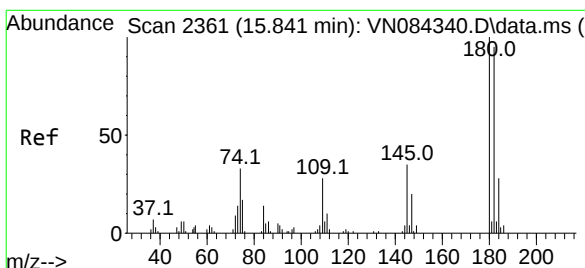
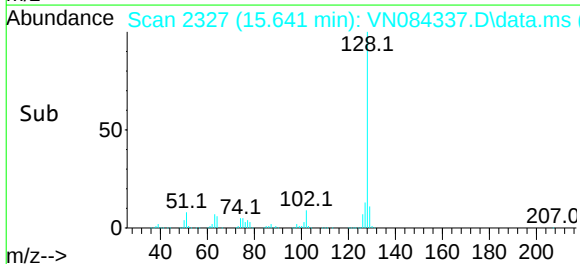
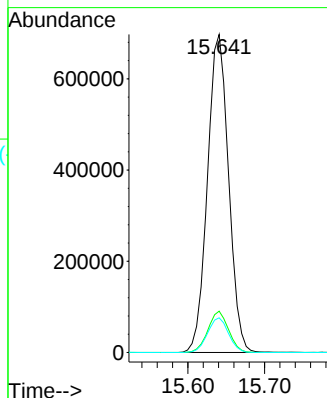
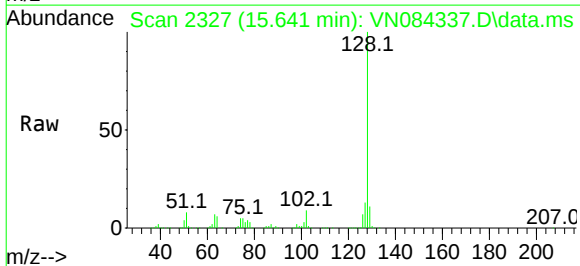
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.8	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#92

1,2,3-Trichlorobenzene

Concen: 162.329 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN084337.D

Acq: 08 Oct 2024 09:43

Tgt Ion:180 Resp: 374861

Ion	Ratio	Lower	Upper
180	100		
182	95.8	0.0	194.4
145	35.2	0.0	72.2

