

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111124\
 Data File : VN084763.D
 Acq On : 11 Nov 2024 10:54
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/11/2024
 Supervised By : Mahesh Dadoda 11/12/2024

Quant Time: Nov 11 11:50:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	166446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	270648	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	238712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	124434	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113027	47.015	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.040%
35) Dibromofluoromethane	8.165	113	92661	50.580	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.160%
50) Toluene-d8	10.565	98	328558	48.687	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.380%
62) 4-Bromofluorobenzene	12.847	95	131064	51.967	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.940%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	84174	43.991	ug/l	96
3) Chloromethane	2.359	50	91149	40.098	ug/l	98
4) Vinyl Chloride	2.512	62	90263	43.860	ug/l	98
5) Bromomethane	2.901	94	51203	46.958	ug/l	99
6) Chloroethane	3.077	64	60880	47.726	ug/l	96
7) Trichlorofluoromethane	3.471	101	163519	48.234	ug/l	97
8) Diethyl Ether	3.953	74	58712	49.095	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.359	101	91907	47.978	ug/l	97
10) Methyl Iodide	4.583	142	127633	49.853	ug/l	97
11) Tert butyl alcohol	5.530	59	86050	271.171	ug/l	98
12) 1,1-Dichloroethene	4.330	96	86792	45.789	ug/l	95
13) Acrolein	4.171	56	66268	209.424	ug/l	100
14) Allyl chloride	5.018	41	143357	46.636	ug/l	92
15) Acrylonitrile	5.712	53	247053	268.931	ug/l	98
16) Acetone	4.424	43	211776	305.595	ug/l	95
17) Carbon Disulfide	4.700	76	229303	39.283	ug/l	99
18) Methyl Acetate	5.018	43	124245	48.890	ug/l	96
19) Methyl tert-butyl Ether	5.795	73	308982	53.183	ug/l	96
20) Methylene Chloride	5.271	84	102299	48.382	ug/l	88
21) trans-1,2-Dichloroethene	5.777	96	91997	47.267	ug/l	97
22) Diisopropyl ether	6.665	45	301392	49.344	ug/l	97
23) Vinyl Acetate	6.600	43	1086820	258.019	ug/l	97
24) 1,1-Dichloroethane	6.559	63	176476	48.124	ug/l	99
25) 2-Butanone	7.483	43	312670	278.781	ug/l	99
26) 2,2-Dichloropropane	7.483	77	156025	48.884	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	111780	49.185	ug/l	94
28) Bromochloromethane	7.812	49	79339	54.304	ug/l	87
29) Tetrahydrofuran	7.836	42	199372	267.951	ug/l	93
30) Chloroform	7.965	83	187932	50.351	ug/l	99
31) Cyclohexane	8.253	56	141347	42.587	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	170235	50.110	ug/l	98
36) 1,1-Dichloropropene	8.371	75	119899	47.191	ug/l	98
37) Ethyl Acetate	7.553	43	126440	54.851	ug/l	98
38) Carbon Tetrachloride	8.359	117	146629	51.633	ug/l	97
39) Methylcyclohexane	9.600	83	131208	50.763	ug/l	98
40) Benzene	8.606	78	400092	49.035	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	71755	57.885	ug/l	98
42) 1,2-Dichloroethane	8.665	62	136041	51.482	ug/l	99
43) Isopropyl Acetate	8.688	43	213108	50.042	ug/l	97
44) Trichloroethene	9.347	130	91293	48.515	ug/l	96
45) 1,2-Dichloropropane	9.618	63	98068	51.236	ug/l	97
46) Dibromomethane	9.706	93	70386	52.114	ug/l	95
47) Bromodichloromethane	9.882	83	153028	53.751	ug/l #	96
48) Methyl methacrylate	9.677	41	98683	55.006	ug/l	93
49) 1,4-Dioxane	9.694	88	37307	1173.486	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	647585	294.690	ug/l	97
52) Toluene	10.630	92	249401	52.263	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	147017	49.888	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	158062	50.677	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	96183	53.508	ug/l	97
56) Ethyl methacrylate	10.871	69	157941	60.744	ug/l	93
57) 1,3-Dichloropropane	11.159	76	162845	52.786	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	338599	278.300	ug/l	96
59) 2-Hexanone	11.194	43	478507	299.154	ug/l	96
60) Dibromochloromethane	11.359	129	118310	57.750	ug/l	100
61) 1,2-Dibromoethane	11.465	107	96259	52.293	ug/l	99
64) Tetrachloroethene	11.100	164	80569	50.742	ug/l	97
65) Chlorobenzene	11.888	112	264984	49.619	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	101669	54.732	ug/l	98
67) Ethyl Benzene	11.965	91	465784	52.251	ug/l	99
68) m/p-Xylenes	12.071	106	363586	107.734	ug/l	100
69) o-Xylene	12.400	106	178745	56.617	ug/l	98
70) Styrene	12.412	104	303645	55.134	ug/l	98
71) Bromoform	12.576	173	82078	58.721	ug/l #	99
73) Isopropylbenzene	12.694	105	446708	51.228	ug/l	99
74) N-amyl acetate	12.494	43	188248	50.722	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	142997	49.129	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	118247m	47.539	ug/l	
77) Bromobenzene	12.976	156	113359	48.357	ug/l	93
78) n-propylbenzene	13.035	91	524800	51.358	ug/l	98
79) 2-Chlorotoluene	13.123	91	333703	49.979	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	393675	54.470	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	50917	48.563	ug/l	96
82) 4-Chlorotoluene	13.218	91	335959	47.812	ug/l	99
83) tert-Butylbenzene	13.435	119	335070	56.018	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	401540	53.831	ug/l	98
85) sec-Butylbenzene	13.612	105	446905	52.893	ug/l	100
86) p-Isopropyltoluene	13.729	119	381882	55.110	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	209698	45.837	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	207944	49.560	ug/l	99
89) n-Butylbenzene	14.053	91	312135	48.155	ug/l	99
90) Hexachloroethane	14.329	117	73088	47.297	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	207866	47.283	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30432	51.610	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	110955	46.111	ug/l	100
94) Hexachlorobutadiene	15.500	225	49394	46.744	ug/l	96
95) Naphthalene	15.641	128	367171	50.979	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	109885	47.044	ug/l	99

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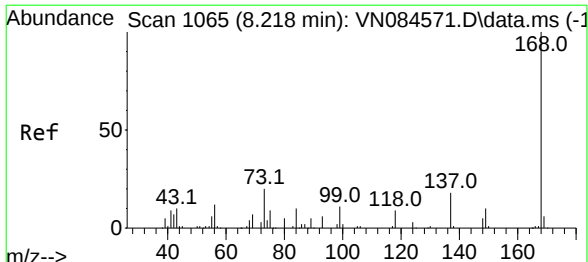
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/12/2024

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Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration

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

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



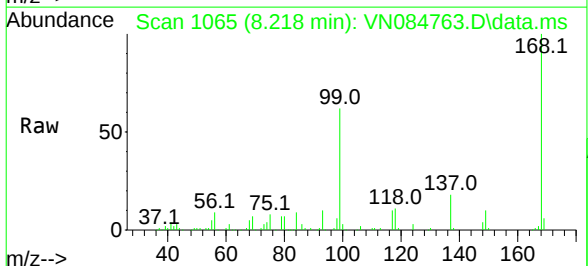
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Instrument :

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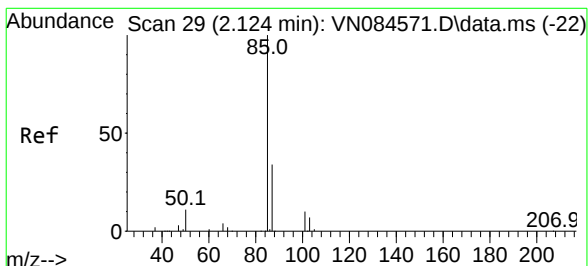
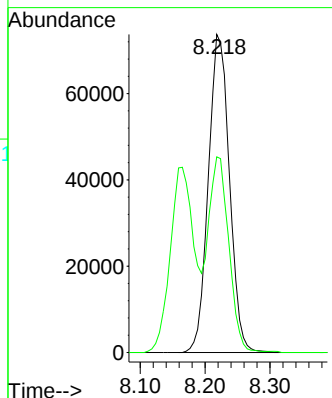
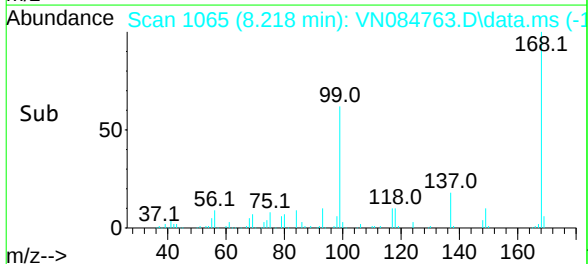
Tgt Ion:168 Resp: 166446
Ion Ratio Lower Upper
168 100
99 61.2 54.2 81.2

Manual Integrations

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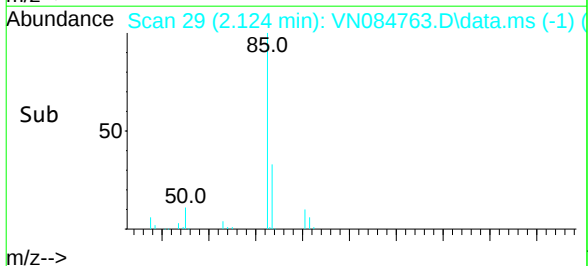
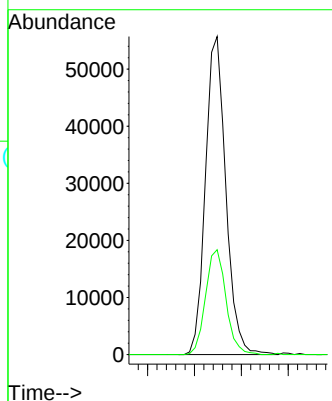
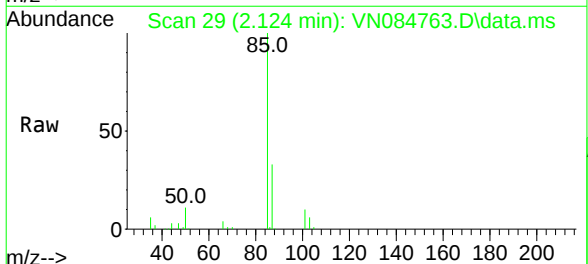
Reviewed By :John Carlone 11/11/2024

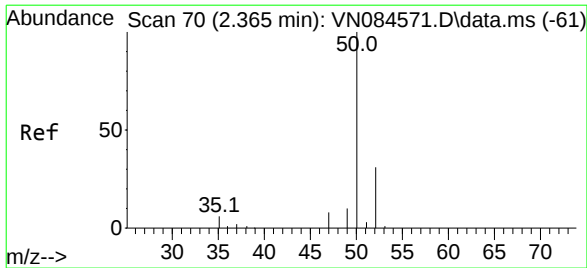
Supervised By :Mahesh Dadoda 11/12/2024



#2
Dichlorodifluoromethane
Concen: 43.991 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

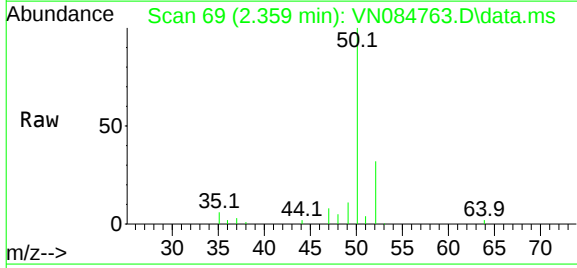
Tgt Ion: 85 Resp: 84174
Ion Ratio Lower Upper
85 100
87 33.0 17.6 52.9





#3
Chloromethane
Concen: 40.098 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

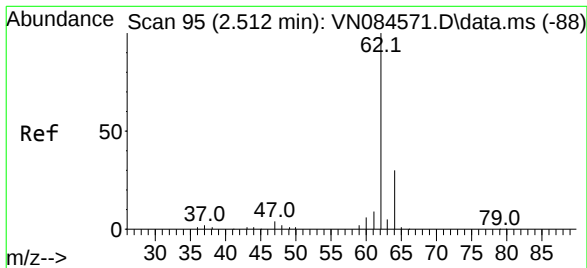
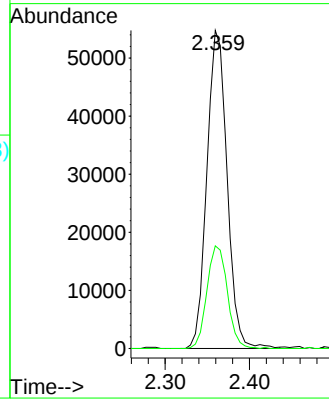
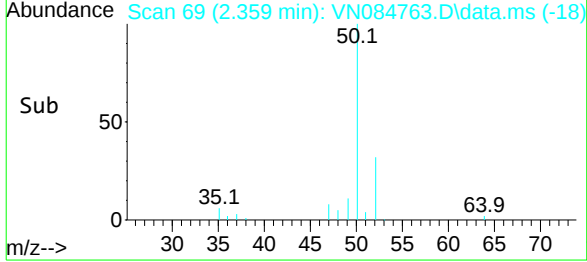
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 91149
Ion Ratio Lower Upper
50 100
52 32.3 26.8 40.2

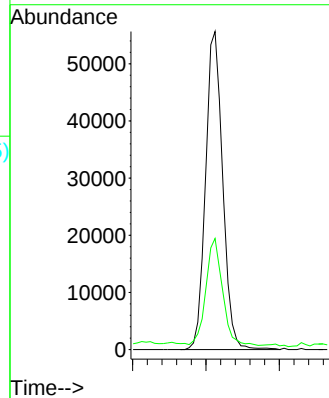
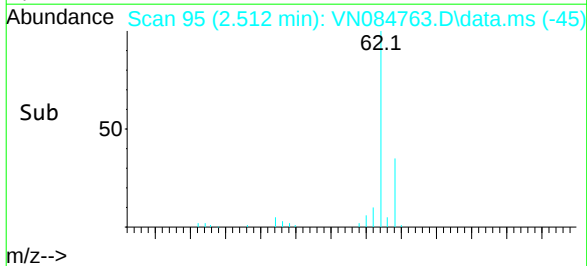
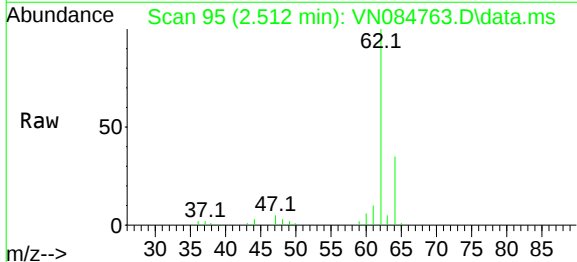
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#4
Vinyl Chloride
Concen: 43.860 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Tgt Ion: 62 Resp: 90263
Ion Ratio Lower Upper
62 100
64 33.8 26.2 39.4





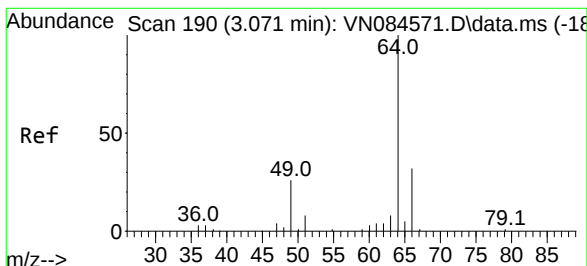
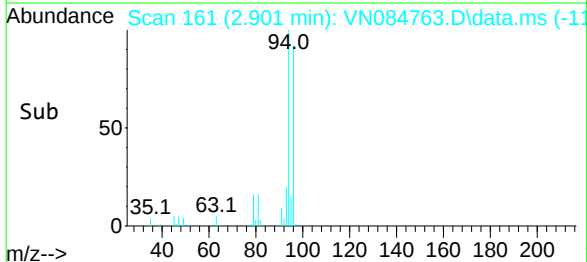
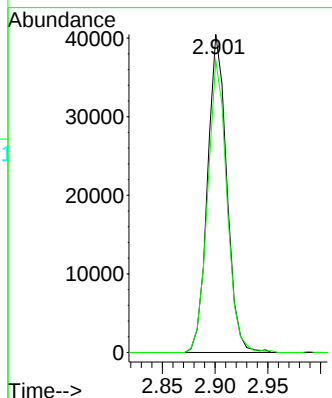
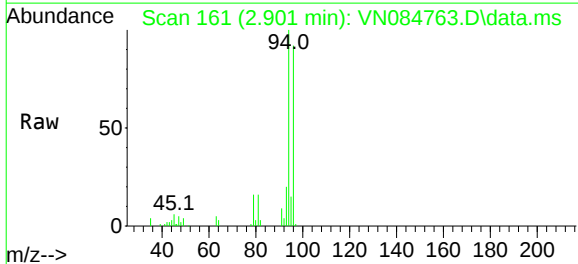
#5
Bromomethane
Concen: 46.958 ug/l
RT: 2.901 min Scan# 161
Delta R.T. -0.052 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 51203
Ion Ratio Lower Upper
94 100
96 91.8 72.9 109.3

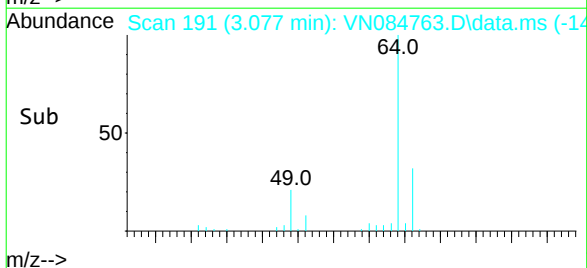
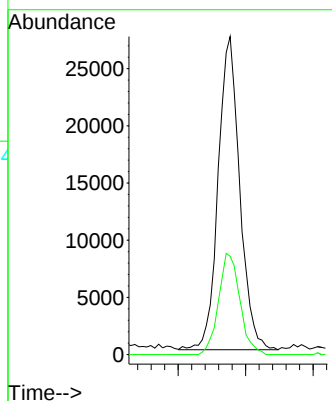
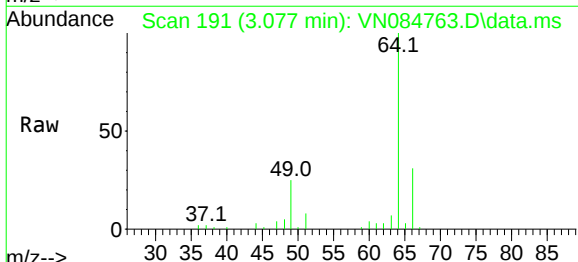
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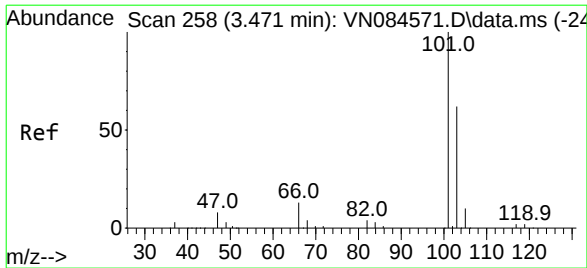
Reviewed By :John Carlone 11/11/2024
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#6
Chloroethane
Concen: 47.726 ug/l
RT: 3.077 min Scan# 191
Delta R.T. -0.041 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Tgt Ion: 64 Resp: 60880
Ion Ratio Lower Upper
64 100
66 31.4 23.5 35.3





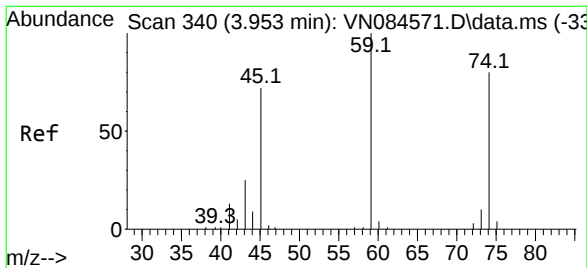
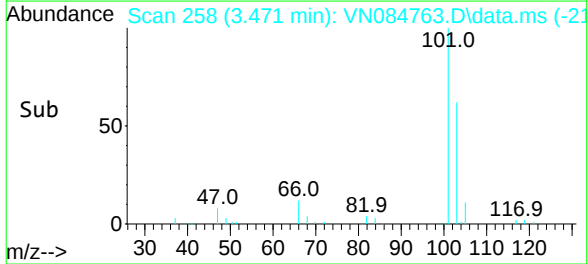
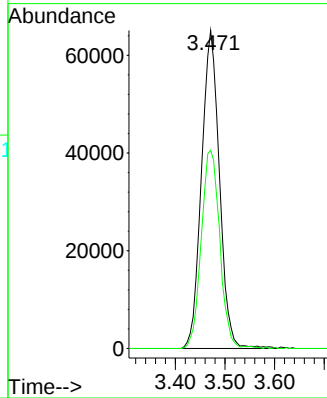
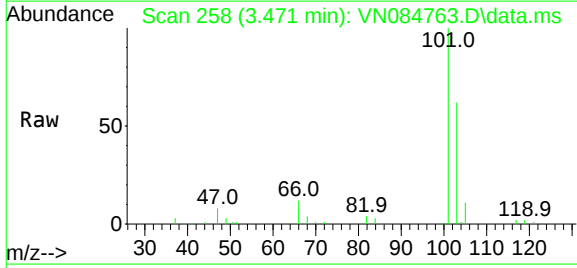
Trichlorofluoromethane
 Concen: 48.234 ug/l
 RT: 3.471 min Scan# 258
 Delta R.T. -0.024 min
 Lab File: VN084763.D
 Acq: 11 Nov 2024 10:54

Instrument :
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Tgt Ion:101 Resp: 163519
 Ion Ratio Lower Upper
 101 100
 103 62.3 51.8 77.6

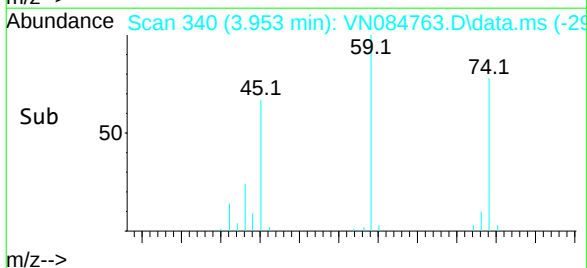
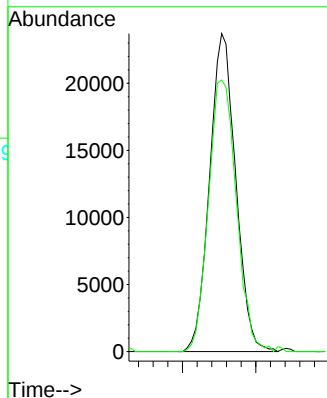
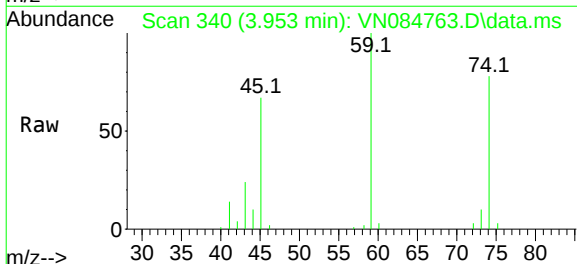
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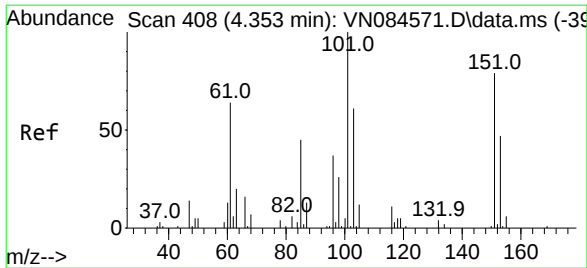
Reviewed By :John Carlone 11/11/2024
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Diethyl Ether
 Concen: 49.095 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 58712
 Ion Ratio Lower Upper
 74 100
 45 91.2 47.7 143.1





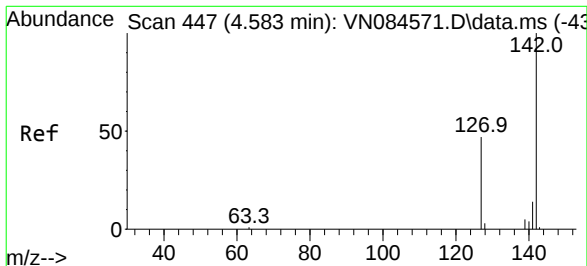
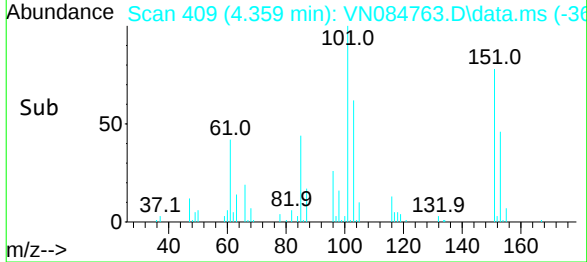
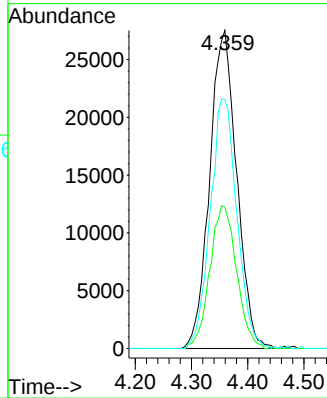
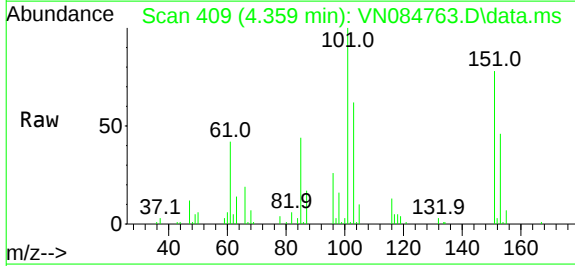
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.978 ug/l
RT: 4.359 min Scan# 408
Delta R.T. -0.012 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

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VSTDCCC050

Tgt Ion:	101	Resp:	91907
Ion	Ratio	Lower	Upper
101	100		
85	44.3	36.2	54.4
151	77.4	59.3	88.9

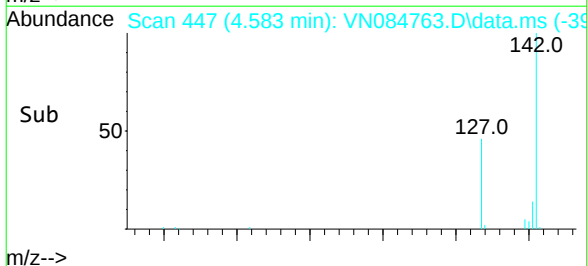
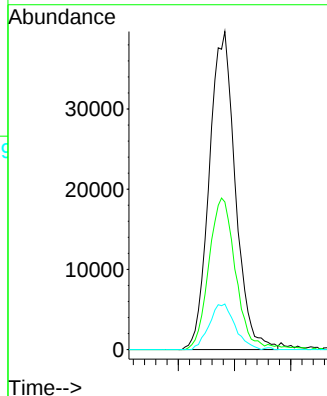
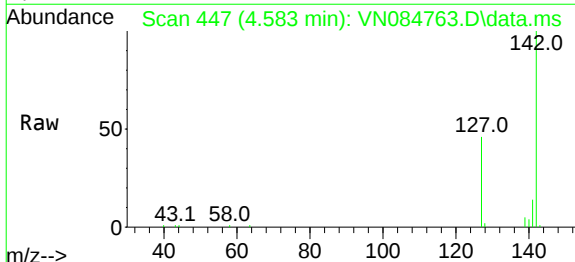
Manual Integrations
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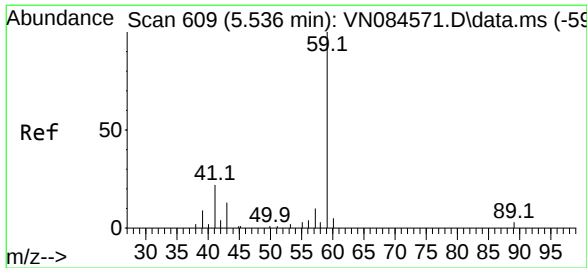
Reviewed By :John Carlone 11/11/2024
Supervised By :Mahesh Dadoda 11/12/2024



#10
Methyl Iodide
Concen: 49.853 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.012 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Tgt Ion:	142	Resp:	127633
Ion	Ratio	Lower	Upper
142	100		
127	46.4	35.3	52.9
141	14.3	11.0	16.6





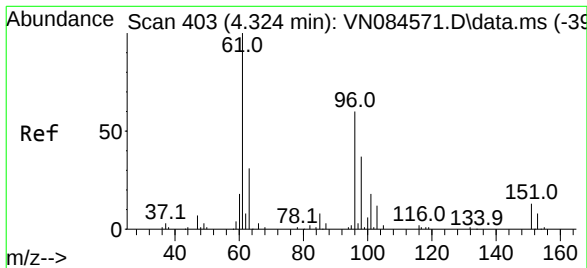
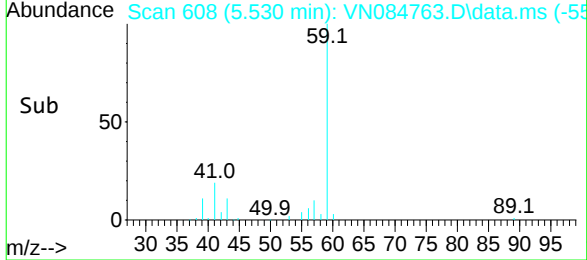
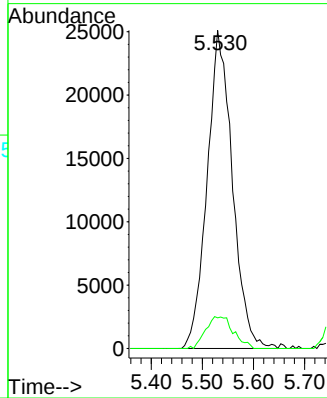
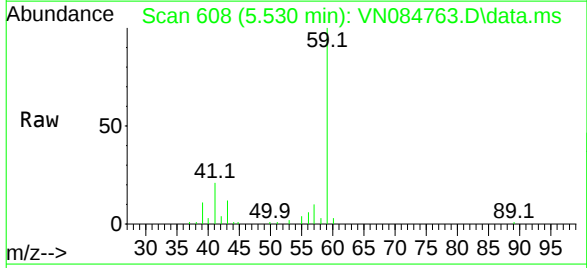
#11
Tert butyl alcohol
Concen: 271.171 ug/l
RT: 5.530 min Scan# 609
Delta R.T. 0.006 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 86050
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.2

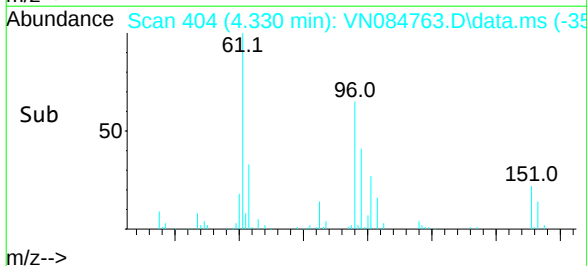
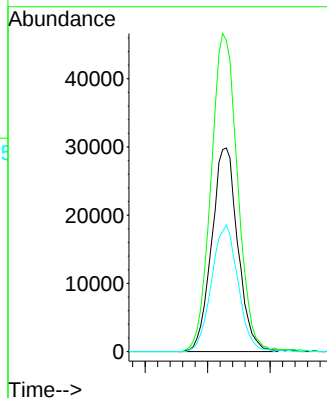
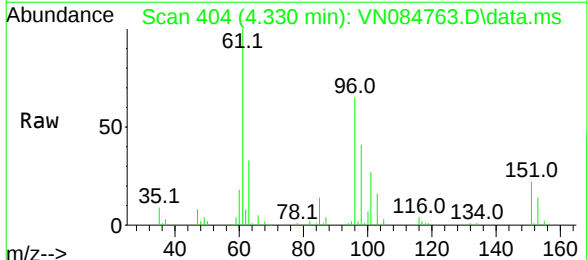
Manual Integrations
APPROVED

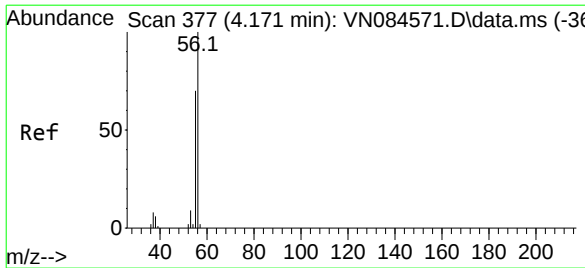
Reviewed By :John Carlone 11/11/2024
Supervised By :Mahesh Dadoda 11/12/2024



#12
1,1-Dichloroethene
Concen: 45.789 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.012 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

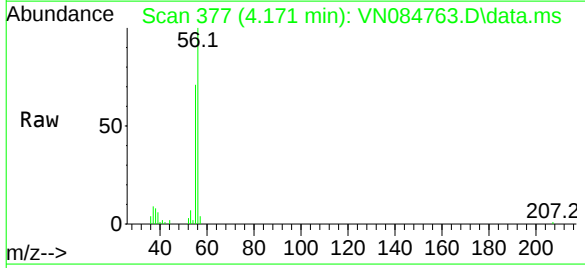
Tgt Ion: 96 Resp: 86792
Ion Ratio Lower Upper
96 100
61 152.9 128.6 192.8
98 62.2 51.7 77.5





#13
Acrolein
Concen: 209.424 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

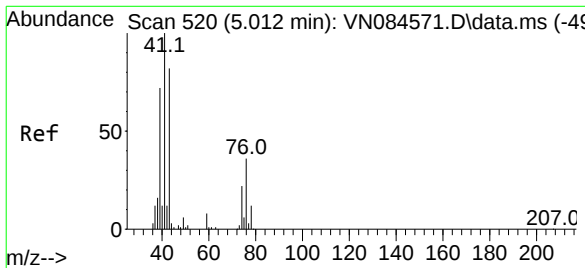
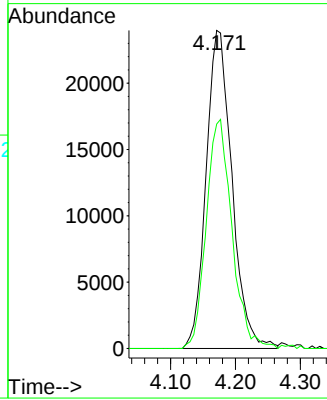
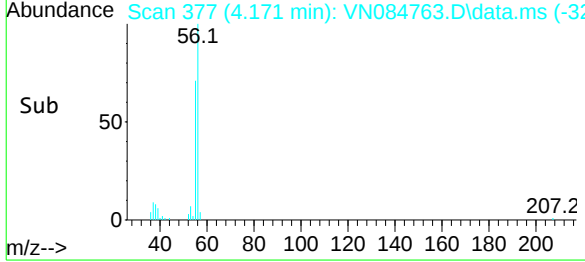
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



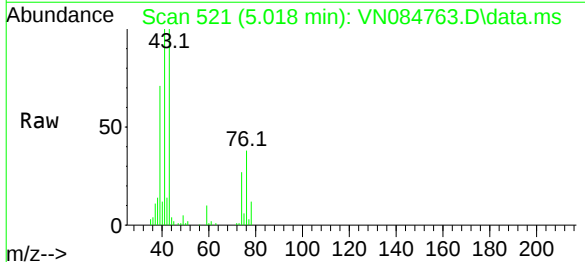
Tgt Ion: 56 Resp: 66268
Ion Ratio Lower Upper
56 100
55 71.7 57.2 85.8

Manual Integrations
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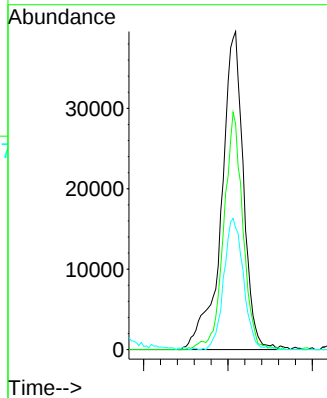
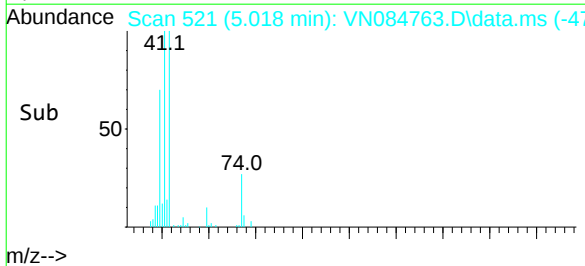
Reviewed By :John Carlone 11/11/2024
Supervised By :Mahesh Dadoda 11/12/2024



#14
Allyl chloride
Concen: 46.636 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54



Tgt Ion: 41 Resp: 143357
Ion Ratio Lower Upper
41 100
39 64.5 59.0 88.6
76 36.8 29.8 44.6





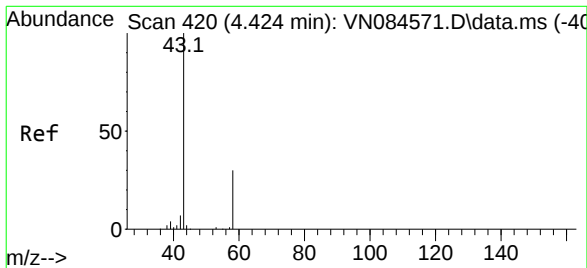
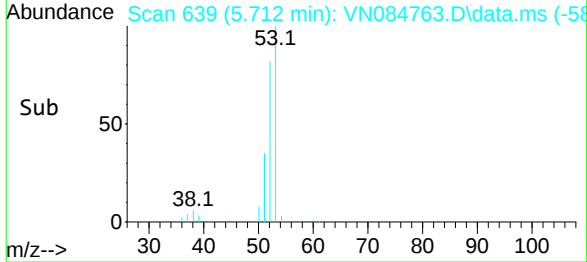
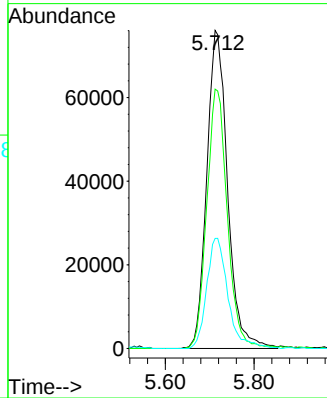
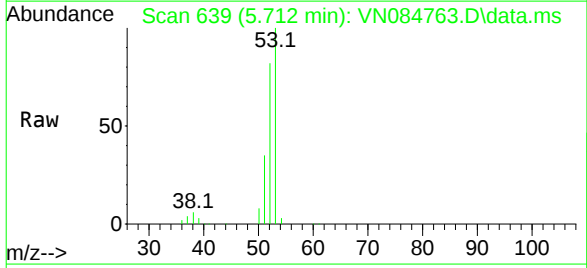
#15
Acrylonitrile
Concen: 268.931 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 247053
Ion Ratio Lower Upper
53 100
52 80.5 66.2 99.4
51 35.6 28.8 43.2

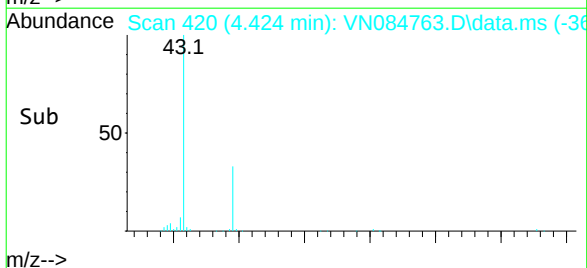
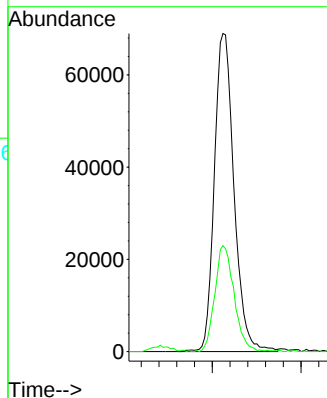
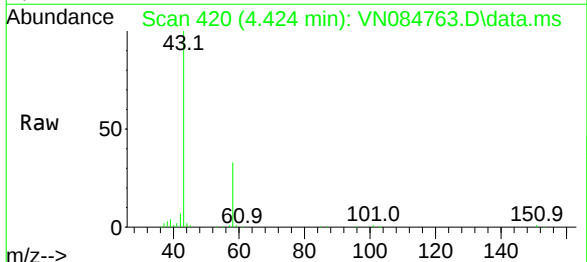
Manual Integrations
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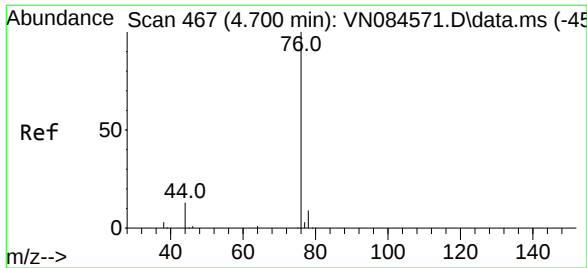
Reviewed By :John Carlone 11/11/2024
Supervised By :Mahesh Dadoda 11/12/2024



#16
Acetone
Concen: 305.595 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

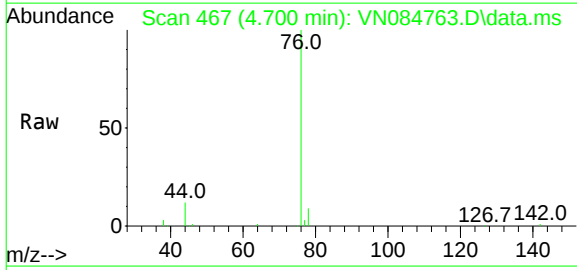
Tgt Ion: 43 Resp: 211776
Ion Ratio Lower Upper
43 100
58 33.1 24.4 36.6





#17
Carbon Disulfide
Concen: 39.283 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.012 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

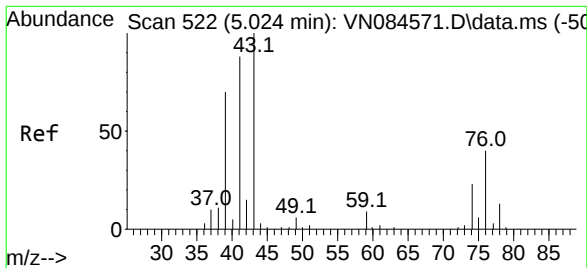
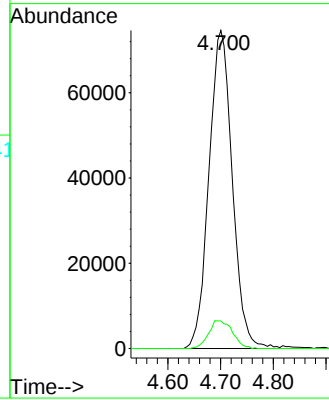
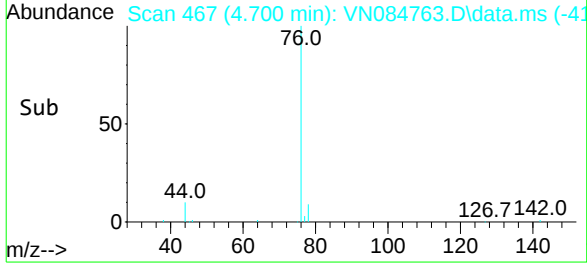
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 229303
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9

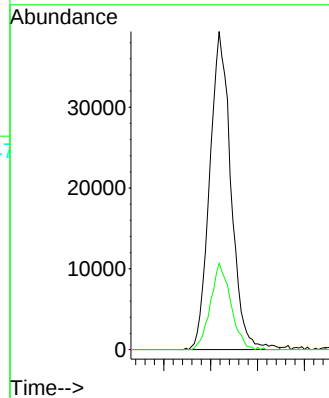
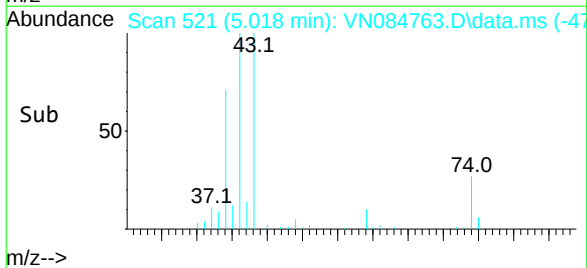
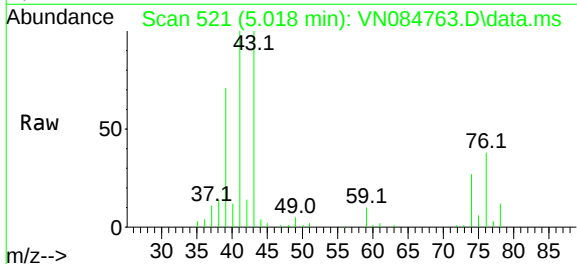
Manual Integrations
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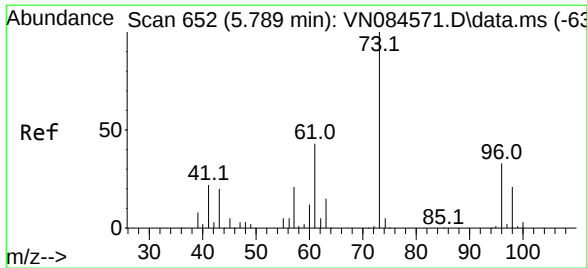
Reviewed By :John Carlone 11/11/2024
Supervised By :Mahesh Dadoda 11/12/2024



#18
Methyl Acetate
Concen: 48.890 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Tgt Ion: 43 Resp: 124245
Ion Ratio Lower Upper
43 100
74 25.8 19.2 28.8





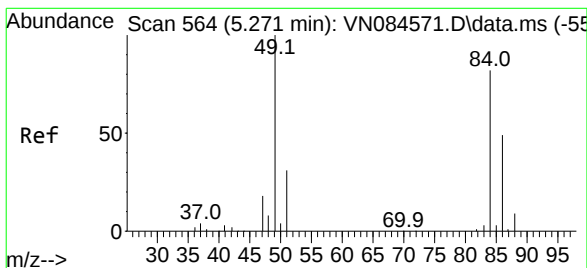
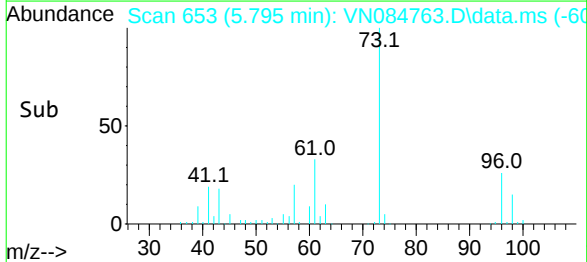
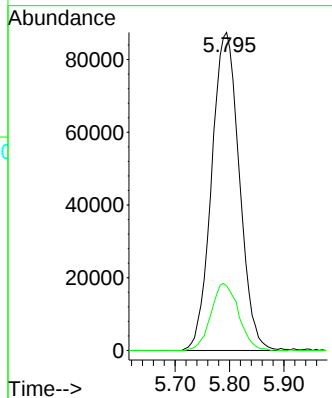
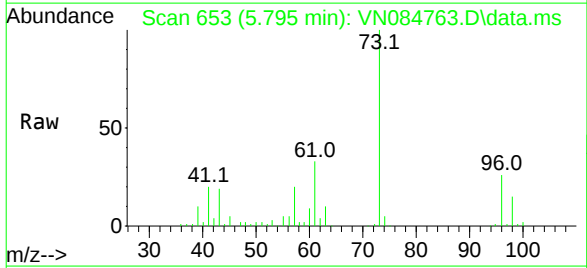
#19
Methyl tert-butyl Ether
Concen: 53.183 ug/l
RT: 5.795 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 308982
Ion Ratio Lower Upper
73 100
57 20.3 17.7 26.5

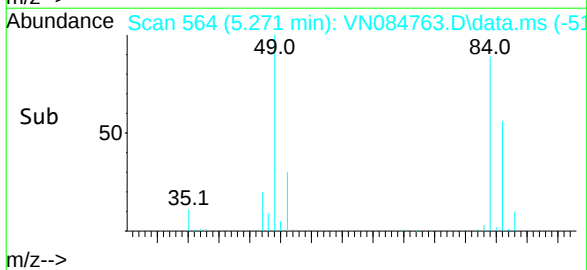
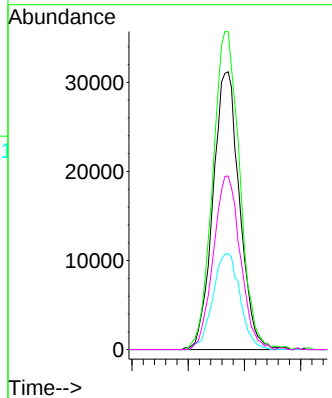
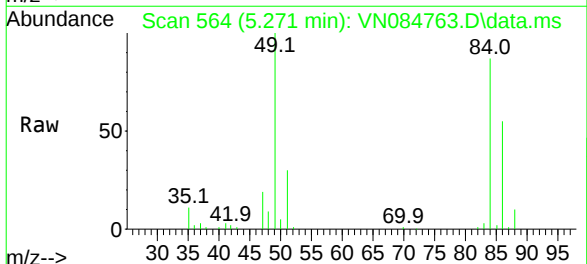
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/11/2024
Supervised By :Mahesh Dadoda 11/12/2024



#20
Methylene Chloride
Concen: 48.382 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Tgt Ion: 84 Resp: 102299
Ion Ratio Lower Upper
84 100
49 114.4 107.2 160.8
51 34.5 31.8 47.8
86 62.5 52.9 79.3





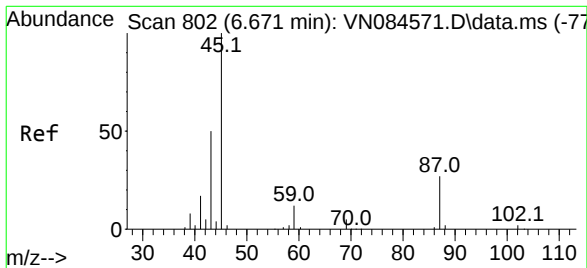
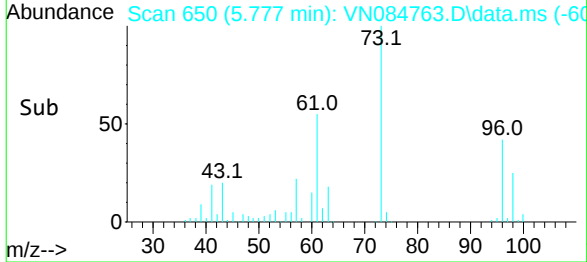
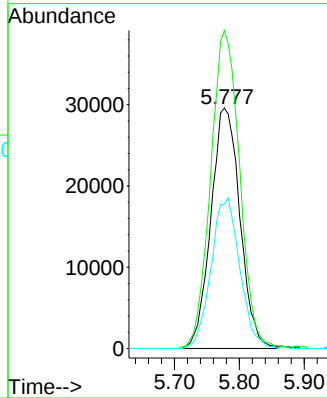
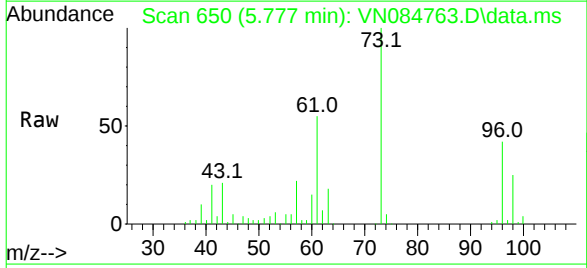
#21
trans-1,2-Dichloroethene
Concen: 47.267 ug/l
RT: 5.777 min Scan# 650
Delta R.T. -0.012 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 91997
Ion Ratio Lower Upper
96 100
61 132.3 108.4 162.6
98 60.1 49.8 74.8

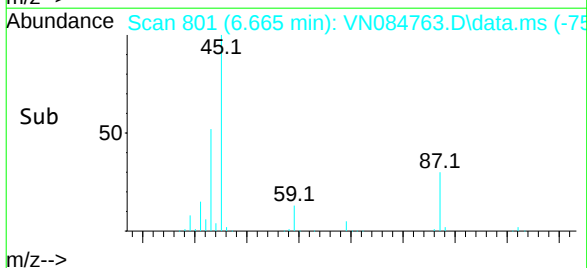
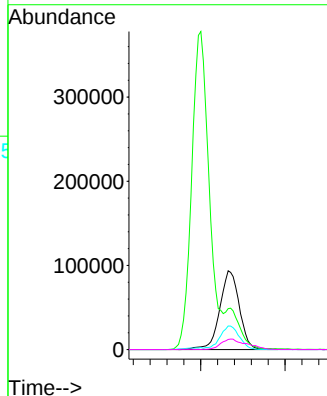
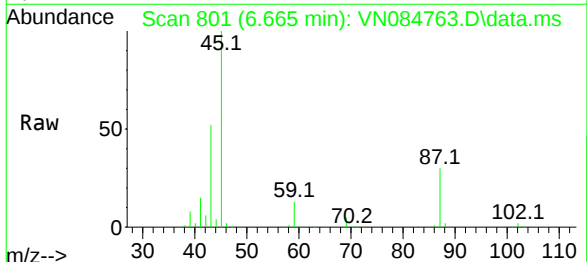
Manual Integrations
APPROVED

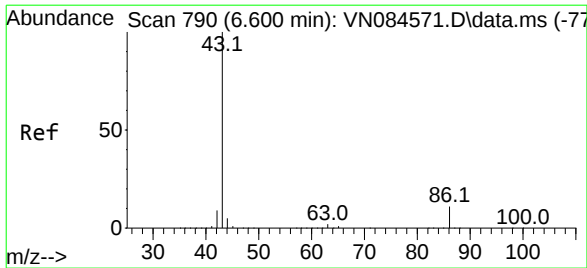
Reviewed By :John Carlone 11/11/2024
Supervised By :Mahesh Dadoda 11/12/2024



#22
Diisopropyl ether
Concen: 49.344 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Tgt Ion: 45 Resp: 301392
Ion Ratio Lower Upper
45 100
43 51.1 42.3 63.5
87 29.9 21.8 32.6
59 12.8 9.6 14.4





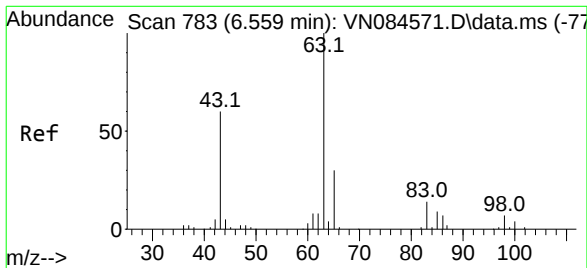
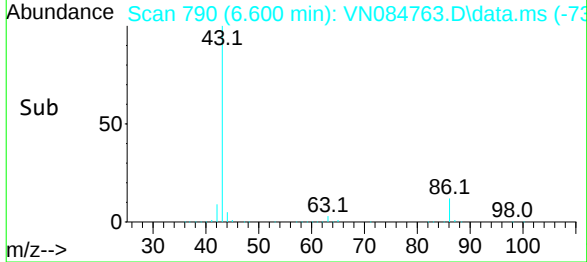
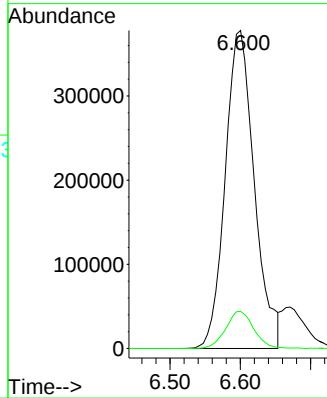
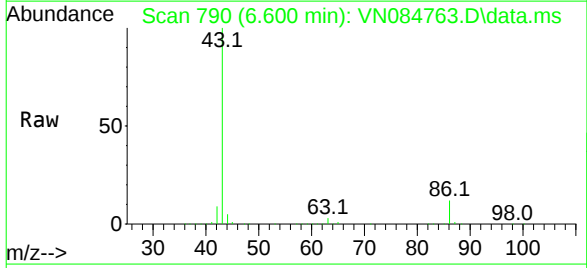
#23
 Vinyl Acetate
 Concen: 258.019 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN084763.D
 Acq: 11 Nov 2024 10:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1086820
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.6 12.8

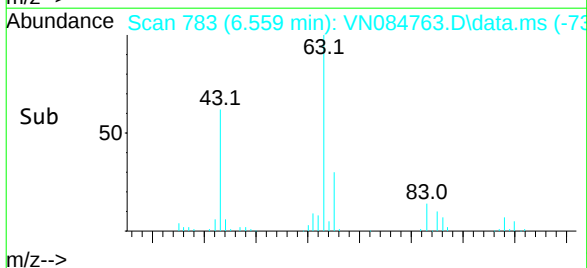
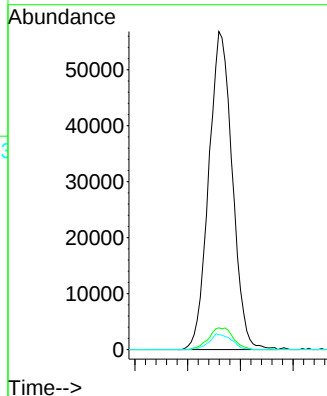
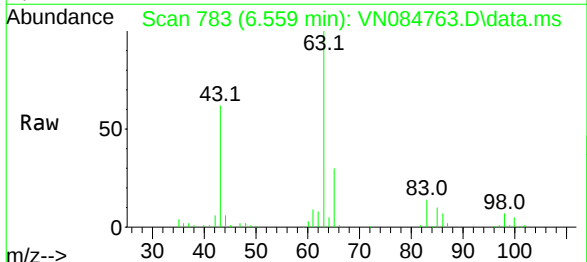
Manual Integrations
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Reviewed By :John Carlone 11/11/2024
 Supervised By :Mahesh Dadoda 11/12/2024



#24
 1,1-Dichloroethane
 Concen: 48.124 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.012 min
 Lab File: VN084763.D
 Acq: 11 Nov 2024 10:54

Tgt Ion: 63 Resp: 176476
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 4.7 2.0 5.8





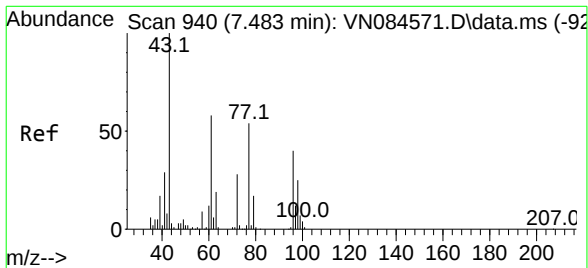
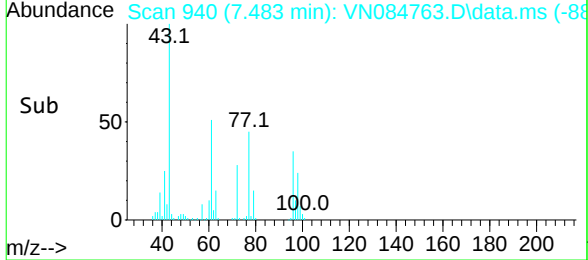
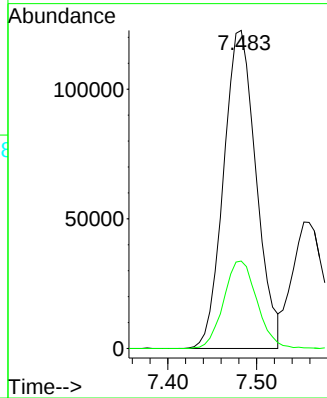
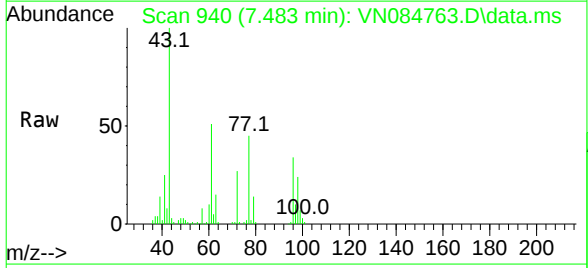
#25
2-Butanone
Concen: 278.781 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 312670
Ion Ratio Lower Upper
43 100
72 27.5 21.4 32.2

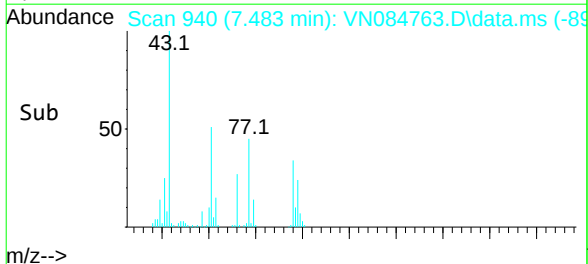
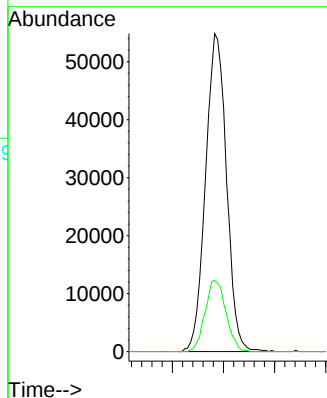
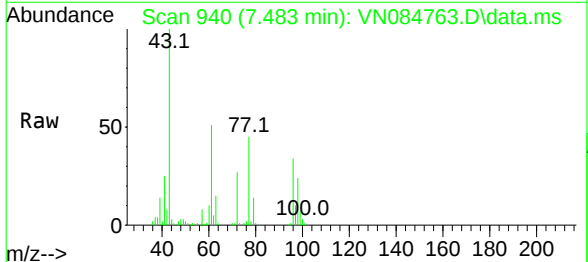
Manual Integrations
APPROVED

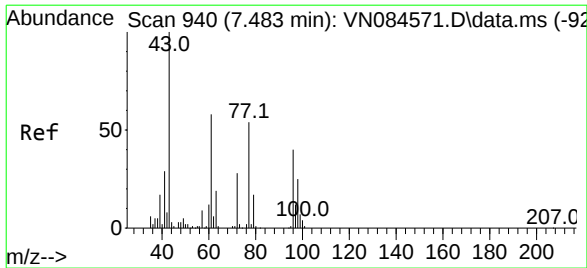
Reviewed By :John Carlone 11/11/2024
Supervised By :Mahesh Dadoda 11/12/2024



#26
2,2-Dichloropropane
Concen: 48.884 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

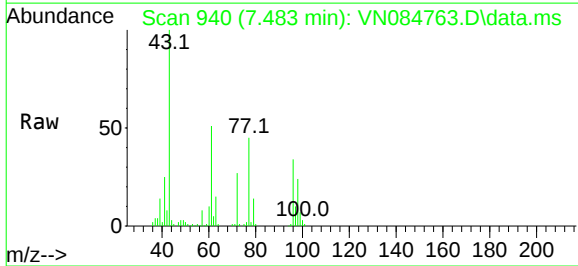
Tgt Ion: 77 Resp: 156025
Ion Ratio Lower Upper
77 100
97 22.3 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 49.185 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

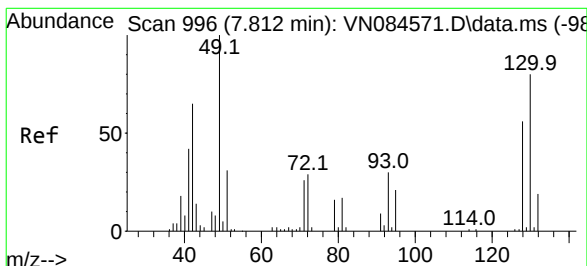
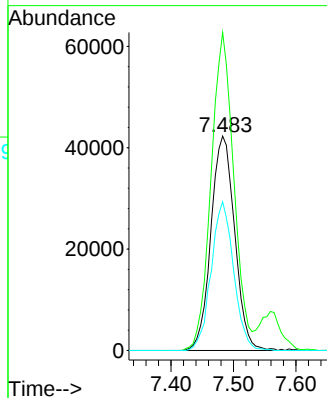
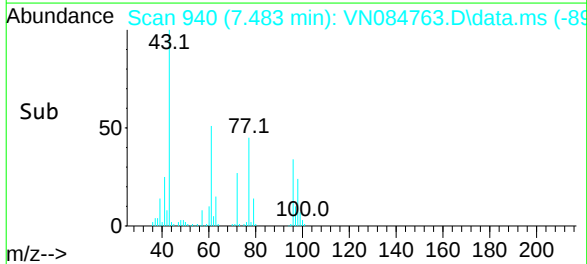
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 111780
Ion Ratio Lower Upper
96 100
61 141.7 0.0 301.8
98 65.8 0.0 128.2

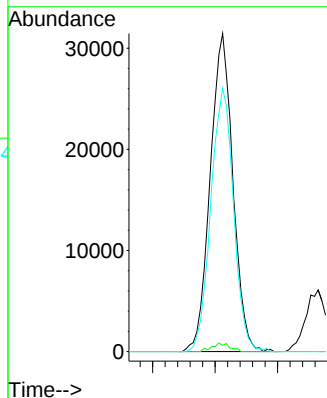
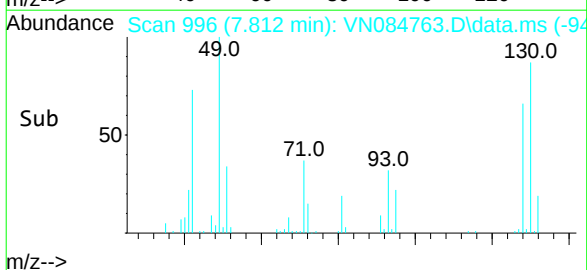
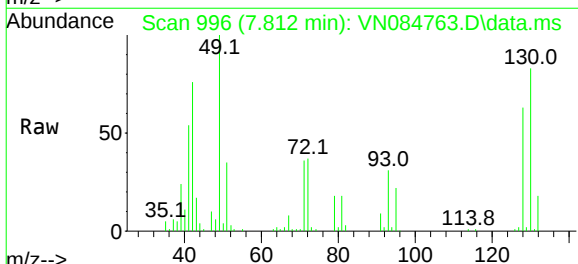
Manual Integrations
APPROVED

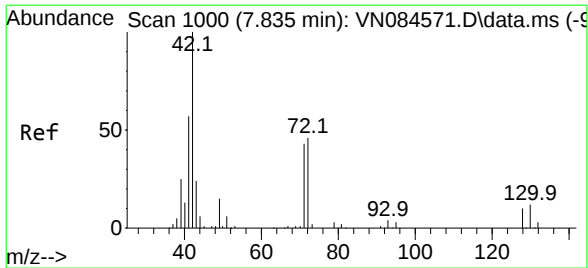
Reviewed By :John Carlone 11/11/2024
Supervised By :Mahesh Dadoda 11/12/2024



#28
Bromochloromethane
Concen: 54.304 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Tgt Ion: 49 Resp: 79339
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.6
130 83.2 58.0 87.0





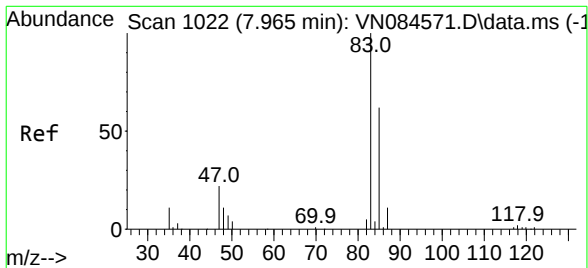
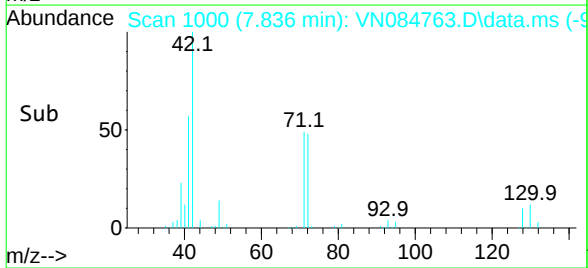
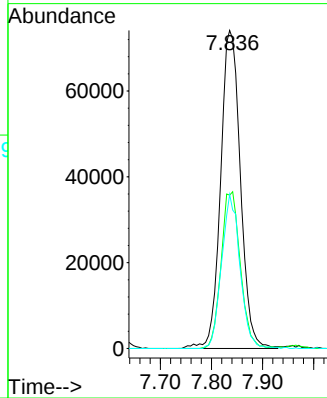
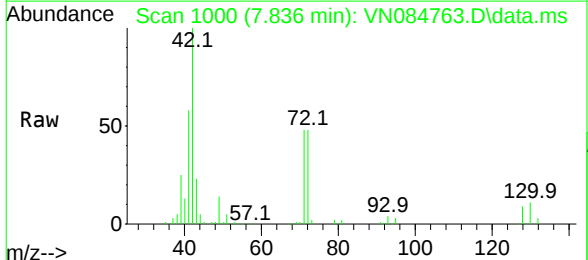
#29
Tetrahydrofuran
Concen: 267.951 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 199372
Ion Ratio Lower Upper
42 100
72 48.0 34.6 51.8
71 45.0 32.2 48.4

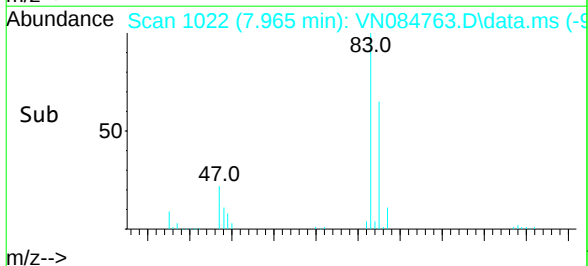
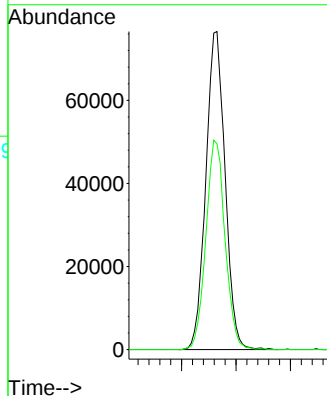
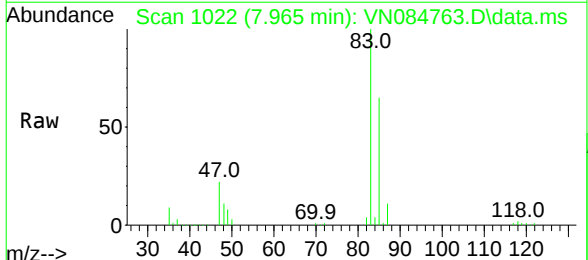
Manual Integrations
APPROVED

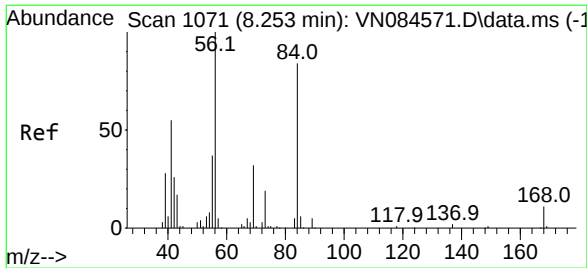
Reviewed By :John Carlone 11/11/2024
Supervised By :Mahesh Dadoda 11/12/2024



#30
Chloroform
Concen: 50.351 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

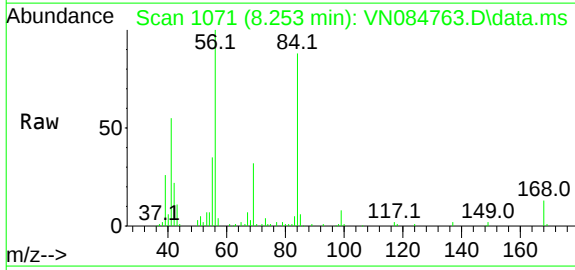
Tgt Ion: 83 Resp: 187932
Ion Ratio Lower Upper
83 100
85 64.7 51.0 76.4





#31
Cyclohexane
Concen: 42.587 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

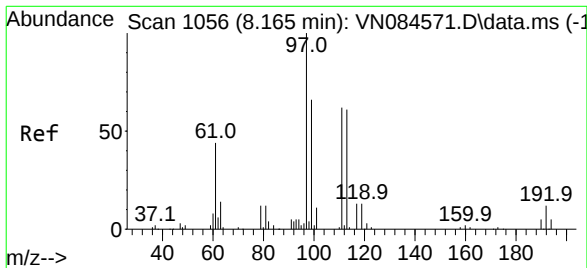
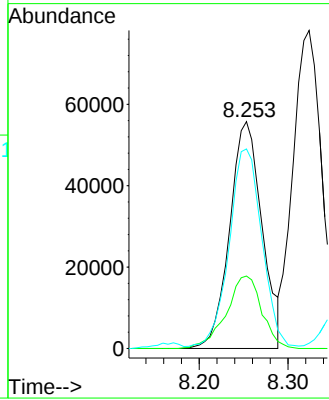
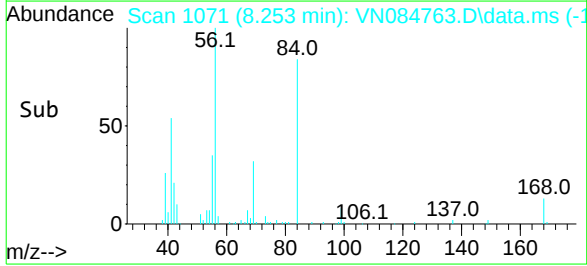
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 141347
Ion Ratio Lower Upper
56 100
69 31.9 23.8 35.6
84 86.1 68.8 103.2

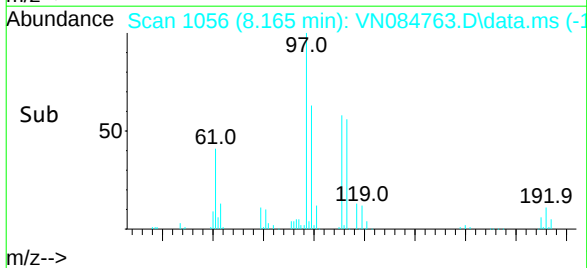
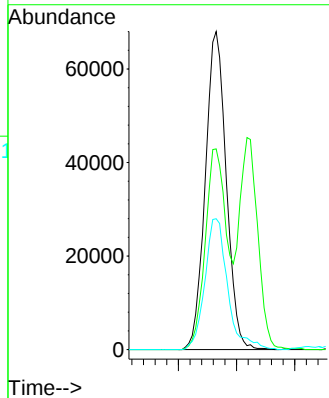
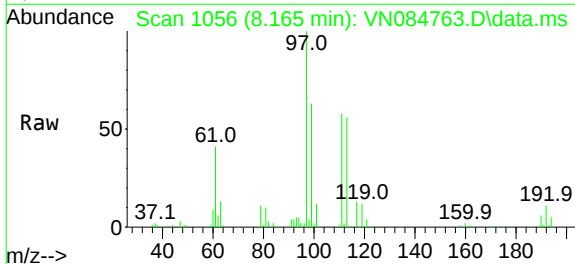
Manual Integrations
APPROVED

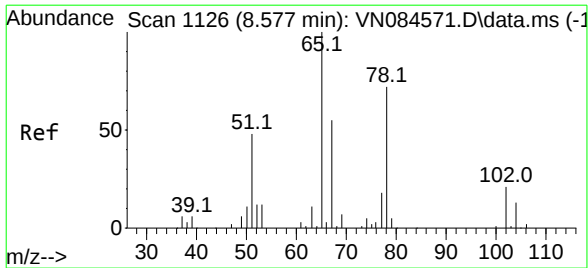
Reviewed By :John Carlone 11/11/2024
Supervised By :Mahesh Dadoda 11/12/2024



#32
1,1,1-Trichloroethane
Concen: 50.110 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Tgt Ion: 97 Resp: 170235
Ion Ratio Lower Upper
97 100
99 65.1 51.2 76.8
61 44.7 37.5 56.3





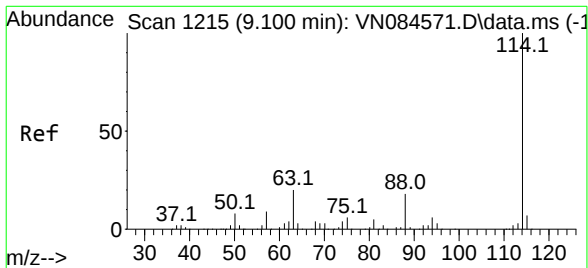
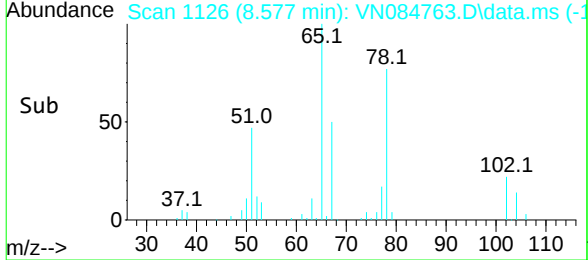
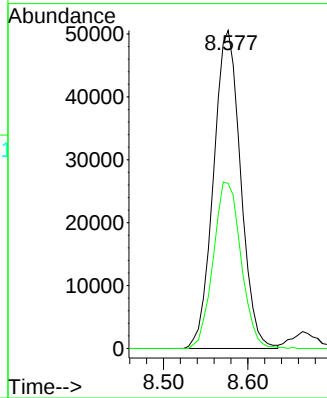
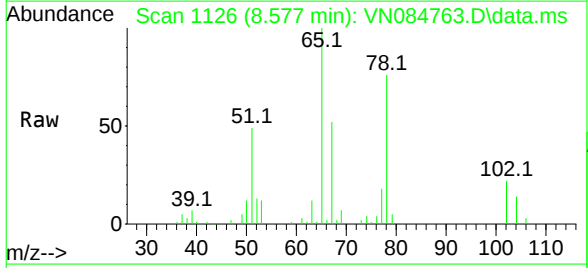
#33
1,2-Dichloroethane-d4
Concen: 47.015 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 113027
Ion Ratio Lower Upper
65 100
67 53.6 0.0 102.0

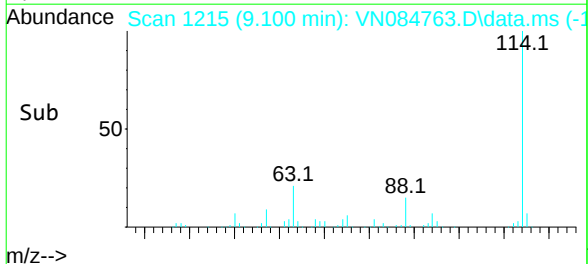
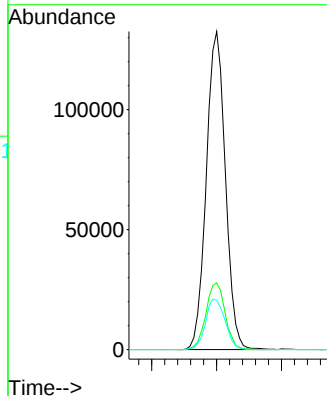
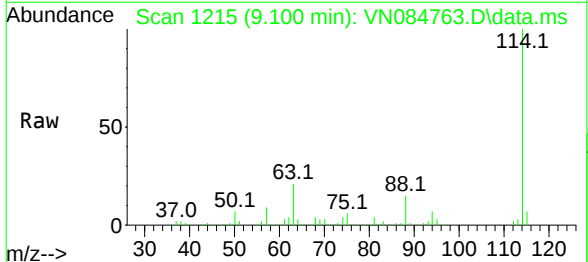
Manual Integrations
APPROVED

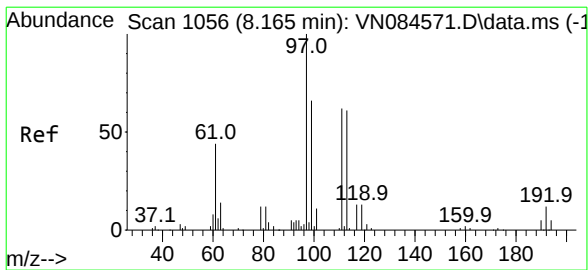
Reviewed By :John Carlone 11/11/2024
Supervised By :Mahesh Dadoda 11/12/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Tgt Ion:114 Resp: 270648
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.8
88 15.4 0.0 31.6





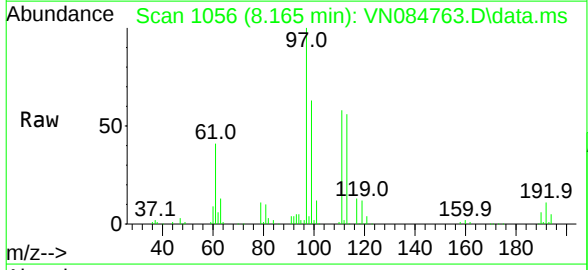
#35
 Dibromofluoromethane
 Concen: 50.580 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN084763.D
 Acq: 11 Nov 2024 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



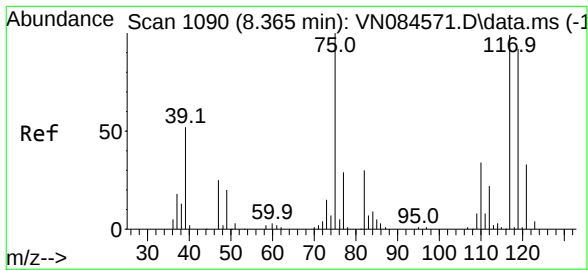
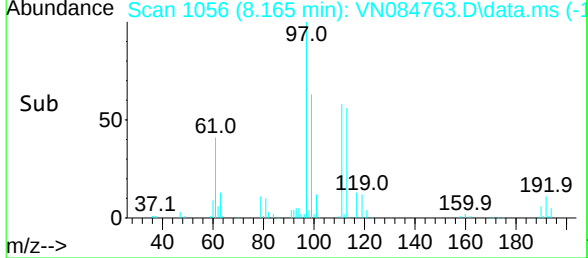
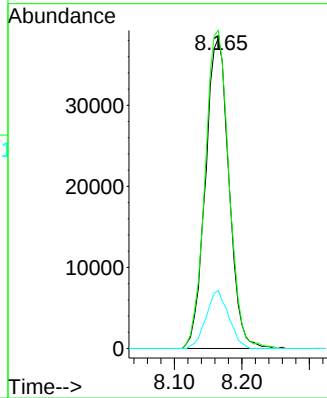
Tgt Ion:	113	Resp:	92661
Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.3	124.9
192	17.9	13.5	20.3

Manual Integrations

APPROVED

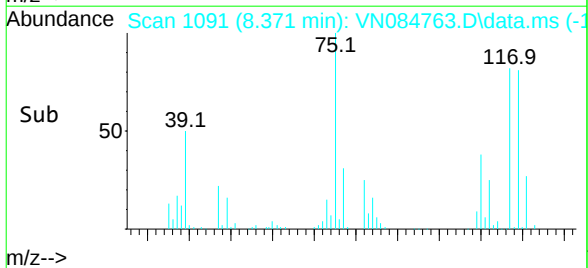
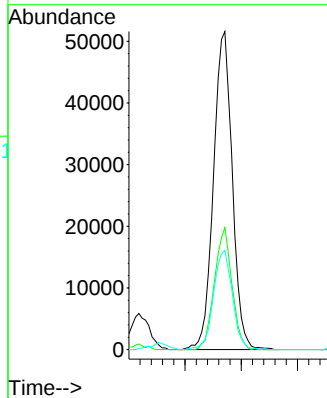
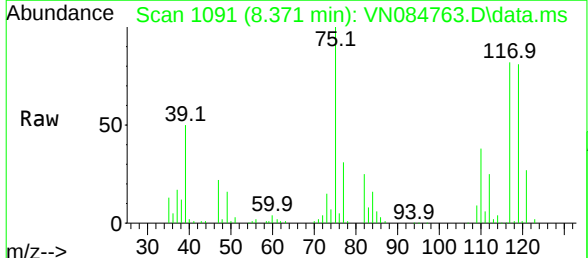
Reviewed By :John Carlone 11/11/2024

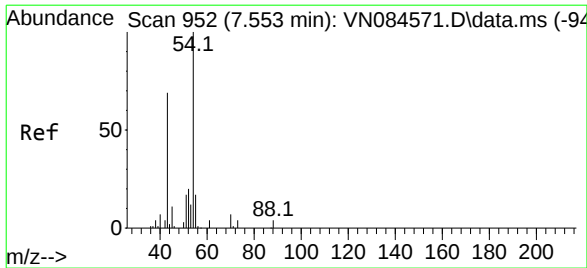
Supervised By :Mahesh Dadoda 11/12/2024



#36
 1,1-Dichloropropene
 Concen: 47.191 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: VN084763.D
 Acq: 11 Nov 2024 10:54

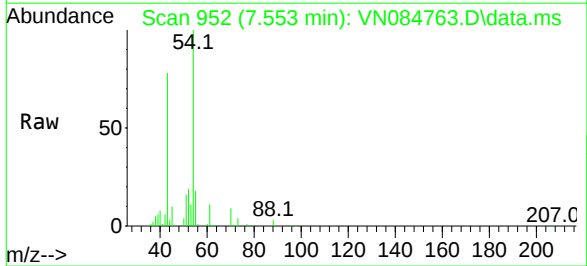
Tgt Ion:	75	Resp:	119899
Ion	Ratio	Lower	Upper
75	100		
110	35.7	16.9	50.7
77	31.3	24.7	37.1





#37
Ethyl Acetate
Concen: 54.851 ug/l
RT: 7.553 min Scan# 952
Delta R.T. -0.006 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

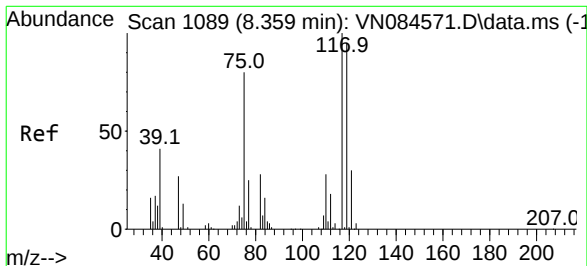
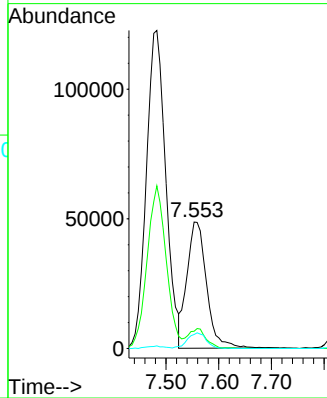
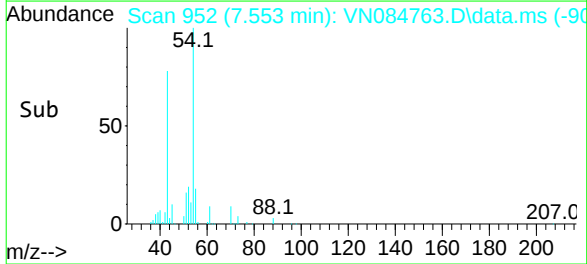
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 126440
Ion Ratio Lower Upper
43 100
61 14.1 10.7 16.1
70 11.8 8.8 13.2

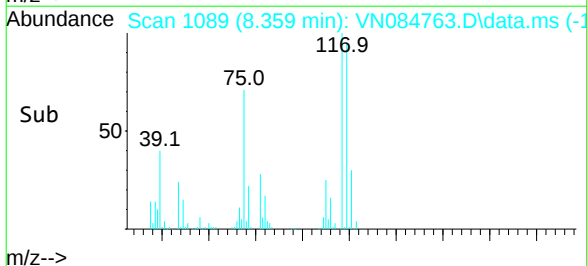
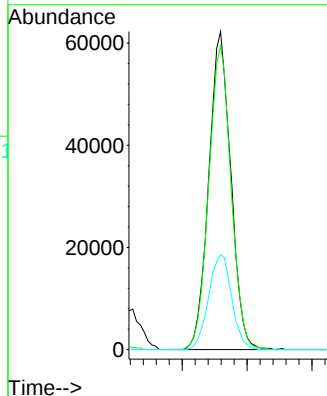
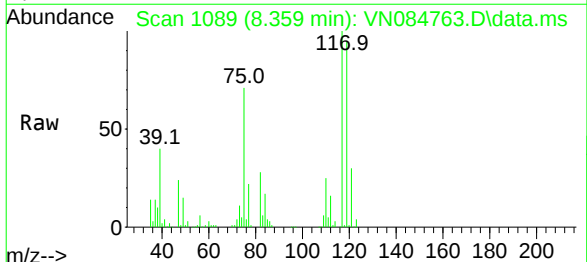
Manual Integrations
APPROVED

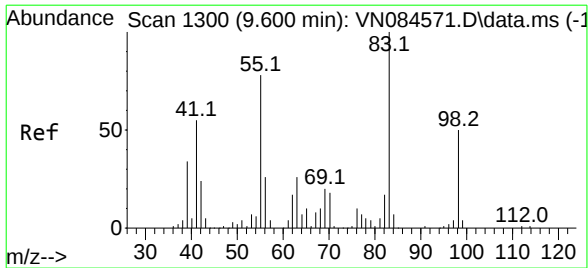
Reviewed By :John Carlone 11/11/2024
Supervised By :Mahesh Dadoda 11/12/2024



#38
Carbon Tetrachloride
Concen: 51.633 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

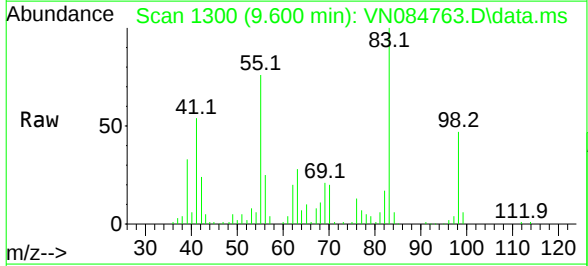
Tgt Ion:117 Resp: 146629
Ion Ratio Lower Upper
117 100
119 95.4 78.7 118.1
121 29.8 24.4 36.6





#39
Methylcyclohexane
Concen: 50.763 ug/l
RT: 9.600 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

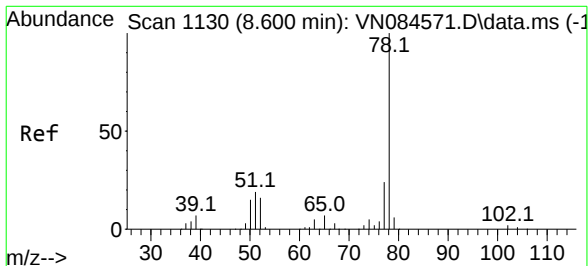
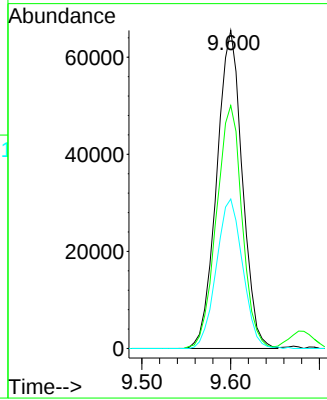
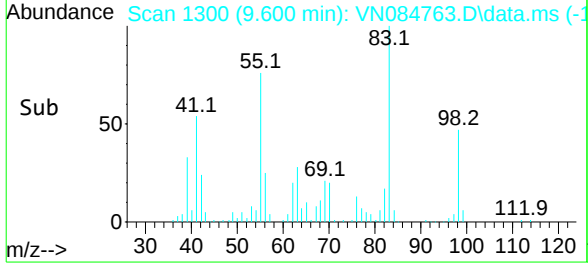
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 131208
Ion Ratio Lower Upper
83 100
55 76.4 62.8 94.2
98 47.0 38.8 58.2

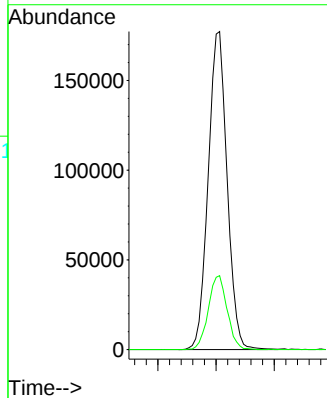
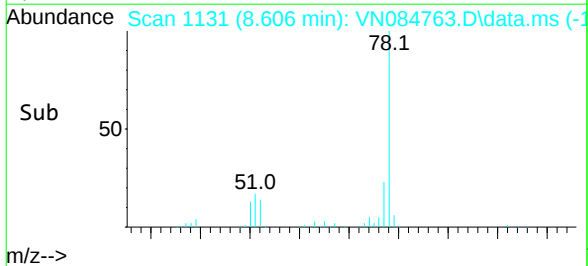
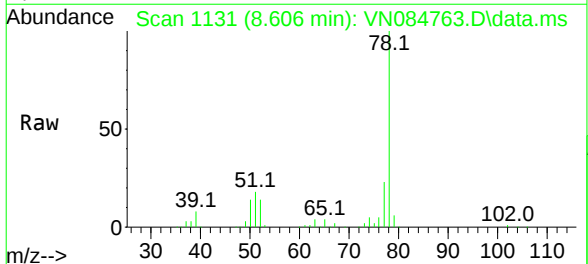
Manual Integrations
APPROVED

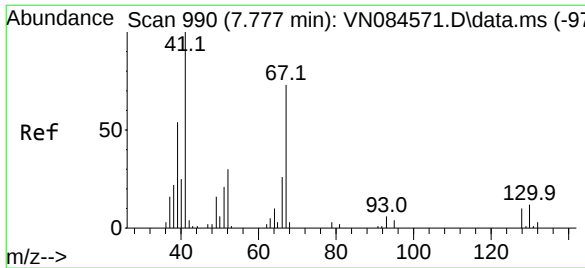
Reviewed By :John Carlone 11/11/2024
Supervised By :Mahesh Dadoda 11/12/2024



#40
Benzene
Concen: 49.035 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Tgt Ion: 78 Resp: 400092
Ion Ratio Lower Upper
78 100
77 23.2 19.1 28.7





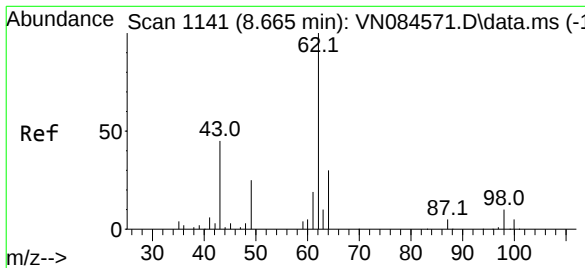
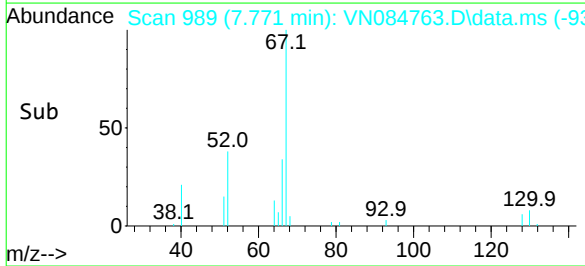
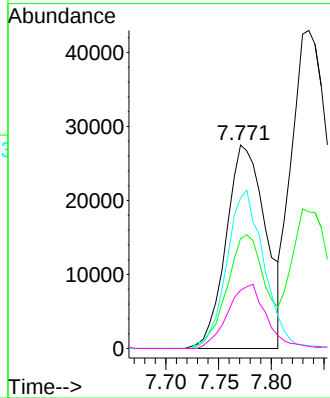
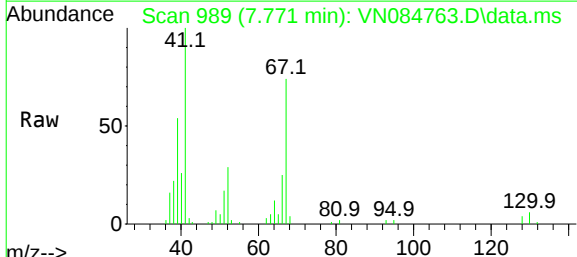
#41
Methacrylonitrile
Concen: 57.885 ug/l
RT: 7.771 min Scan# 98
Delta R.T. -0.006 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	71755
Ion	Ratio	Lower	Upper
41	100		
39	54.4	43.3	64.9
67	73.3	56.1	84.1
52	30.8	24.5	36.7

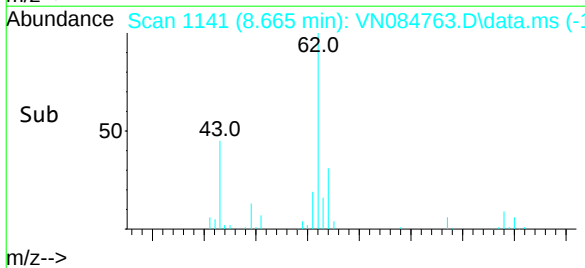
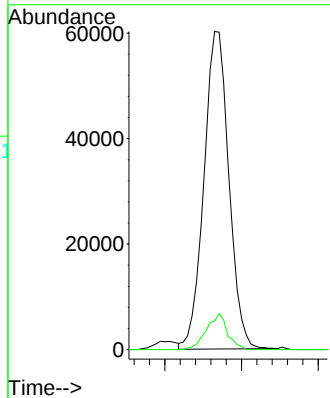
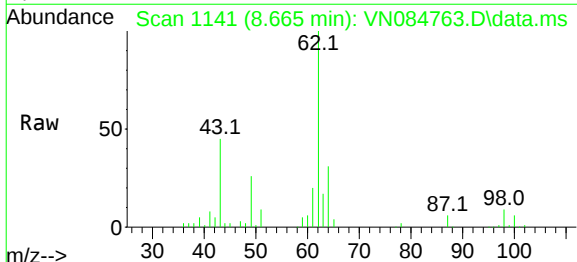
Manual Integrations
APPROVED

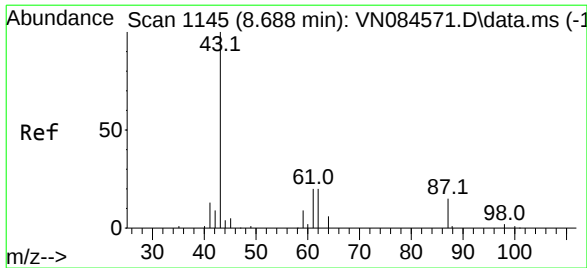
Reviewed By :John Carlone 11/11/2024
Supervised By :Mahesh Dadoda 11/12/2024



#42
1,2-Dichloroethane
Concen: 51.482 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Tgt Ion:	62	Resp:	136041
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.2





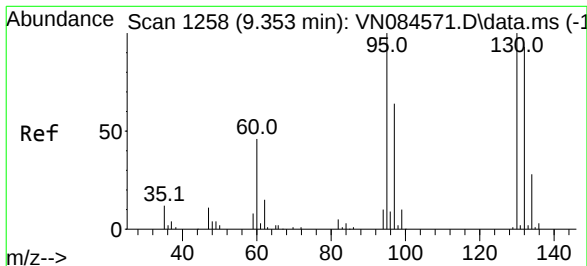
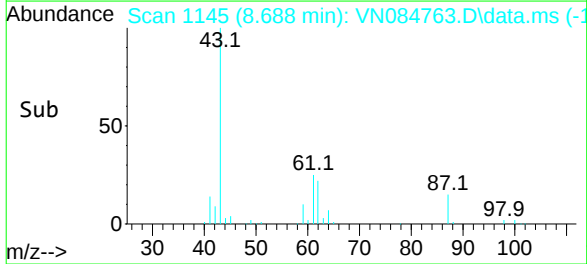
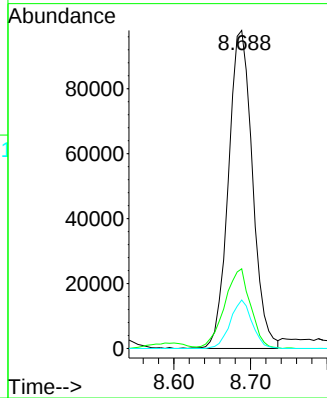
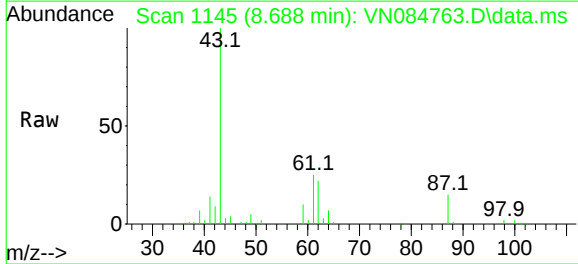
#43
Isopropyl Acetate
Concen: 50.042 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 213108
Ion Ratio Lower Upper
43 100
61 27.1 20.4 30.6
87 13.9 10.3 15.5

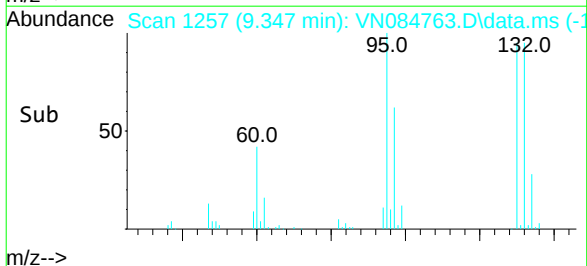
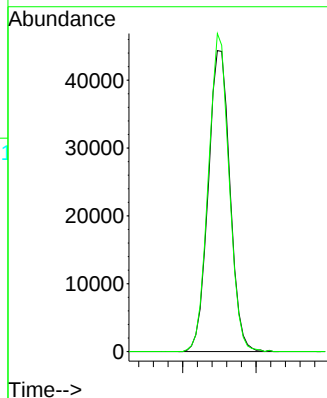
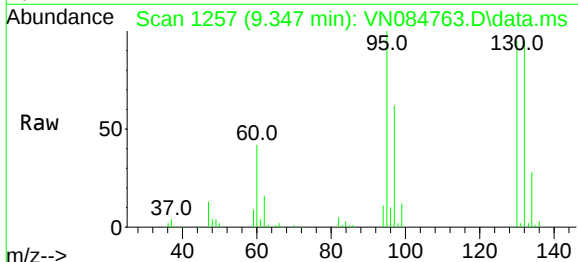
Manual Integrations
APPROVED

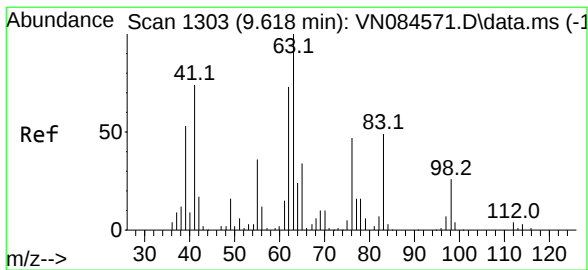
Reviewed By :John Carlone 11/11/2024
Supervised By :Mahesh Dadoda 11/12/2024



#44
Trichloroethene
Concen: 48.515 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Tgt Ion:130 Resp: 91293
Ion Ratio Lower Upper
130 100
95 105.7 0.0 203.0





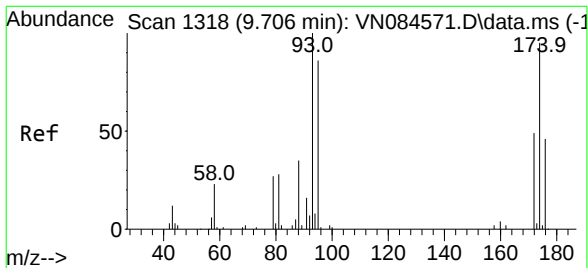
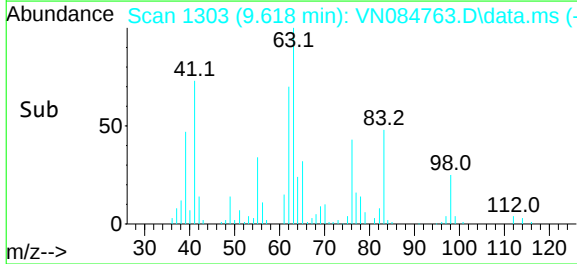
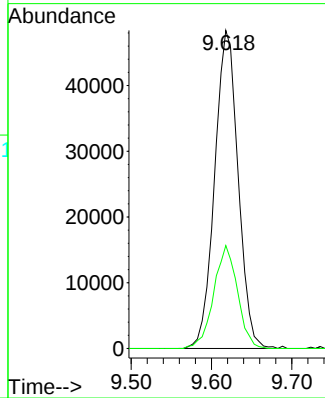
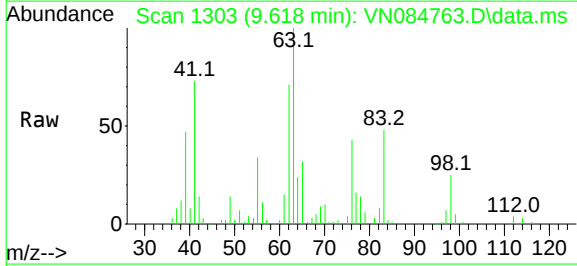
#45
1,2-Dichloropropane
Concen: 51.236 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 98068
Ion Ratio Lower Upper
63 100
65 32.4 24.6 37.0

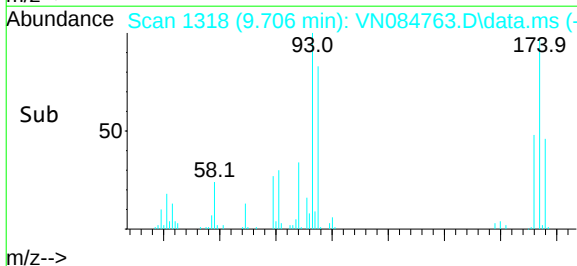
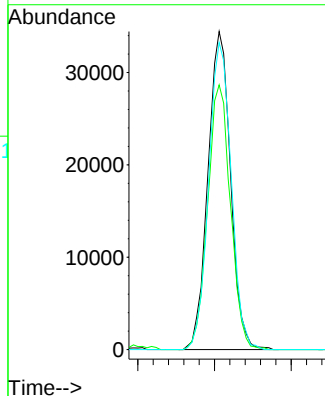
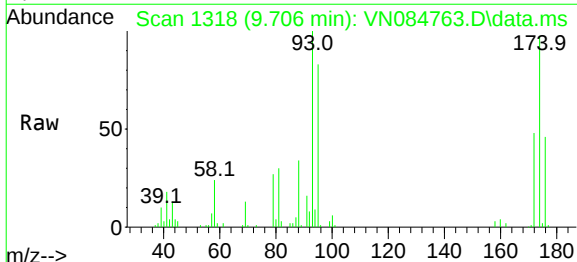
Manual Integrations
APPROVED

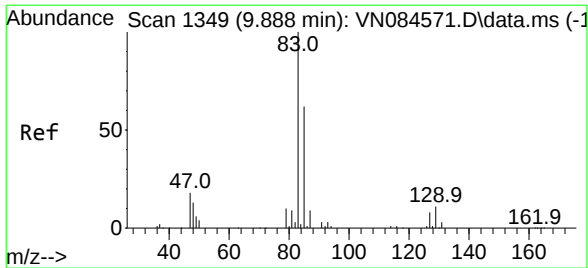
Reviewed By :John Carlone 11/11/2024
Supervised By :Mahesh Dadoda 11/12/2024



#46
Dibromomethane
Concen: 52.114 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Tgt Ion: 93 Resp: 70386
Ion Ratio Lower Upper
93 100
95 84.0 65.0 97.4
174 96.2 71.8 107.8





#47
 Bromodichloromethane
 Concen: 53.751 ug/l
 RT: 9.882 min Scan# 1349
 Delta R.T. -0.006 min
 Lab File: VN084763.D
 Acq: 11 Nov 2024 10:54

Instrument :

MSVOA_N

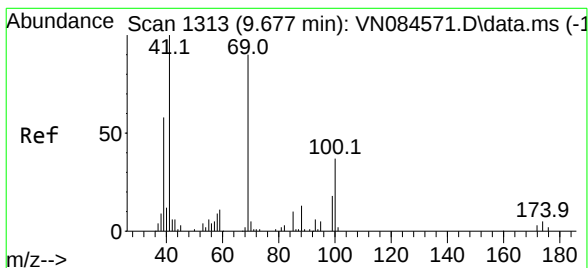
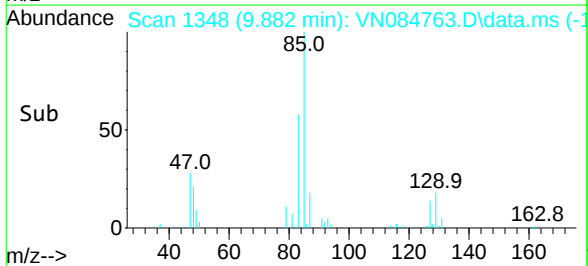
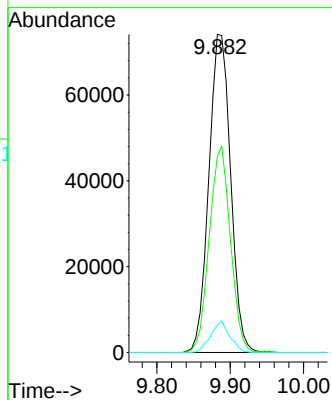
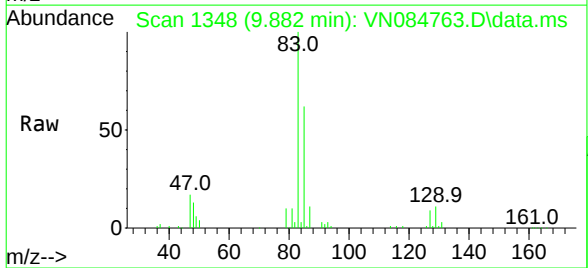
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	153028
Ion	Ratio	Lower	Upper
83	100		
85	61.6	51.5	77.3
127	8.5	5.7	8.5

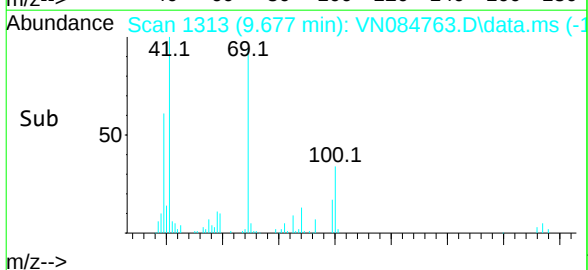
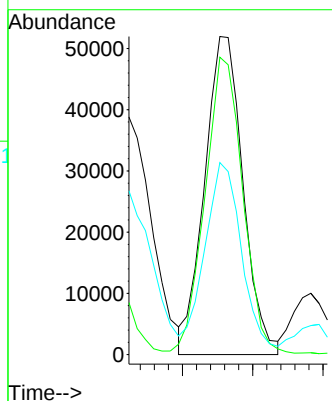
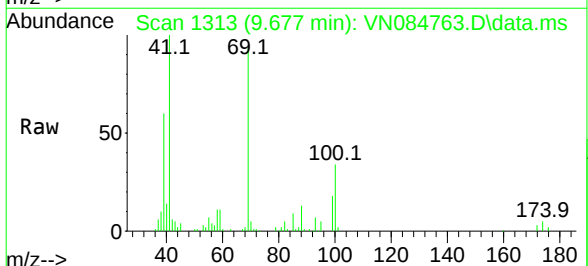
Manual Integrations
 APPROVED

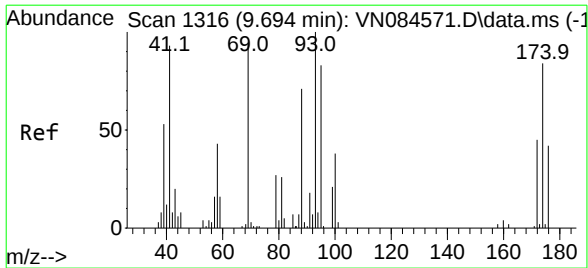
Reviewed By :John Carlone 11/11/2024
 Supervised By :Mahesh Dadoda 11/12/2024



#48
 Methyl methacrylate
 Concen: 55.006 ug/l
 RT: 9.677 min Scan# 1313
 Delta R.T. 0.000 min
 Lab File: VN084763.D
 Acq: 11 Nov 2024 10:54

Tgt Ion:	41	Resp:	98683
Ion	Ratio	Lower	Upper
41	100		
69	92.7	67.1	100.7
39	58.7	45.8	68.6





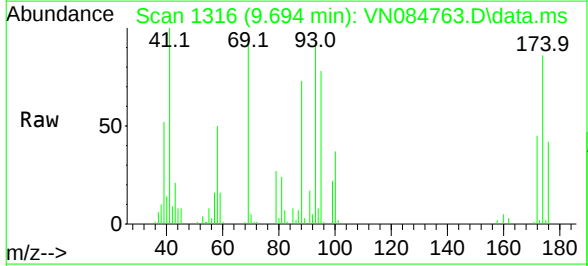
#49
 1,4-Dioxane
 Concen: 1173.486 ug/l
 RT: 9.694 min Scan# 1316
 Delta R.T. 0.000 min
 Lab File: VN084763.D
 Acq: 11 Nov 2024 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

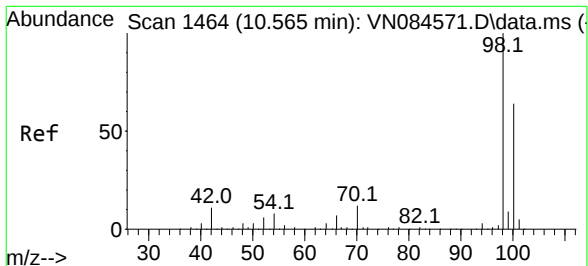
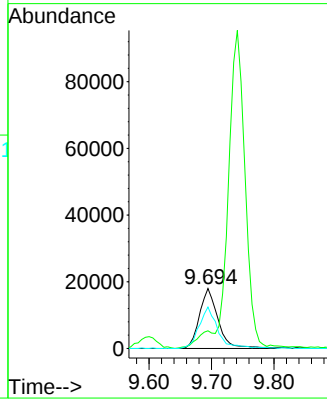
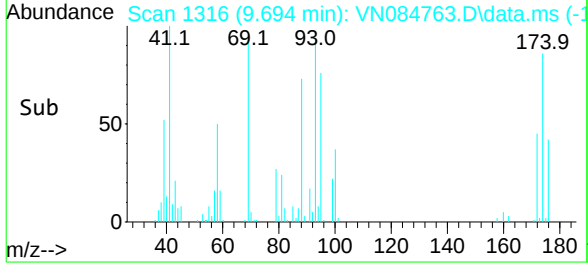


Tgt Ion: 88 Resp: 37307
 Ion Ratio Lower Upper
 88 100
 43 28.6 25.3 37.9
 58 70.1 56.4 84.6

Manual Integrations

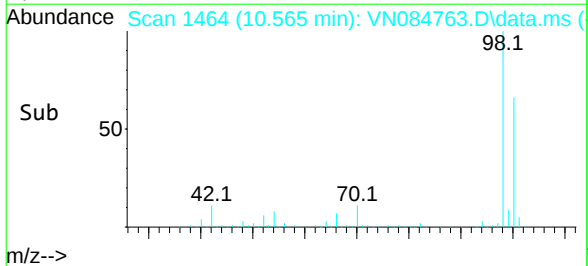
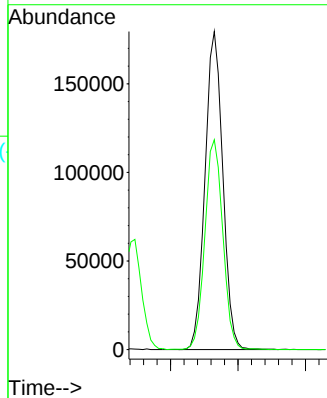
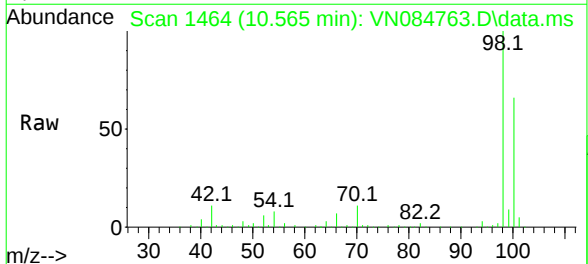
APPROVED

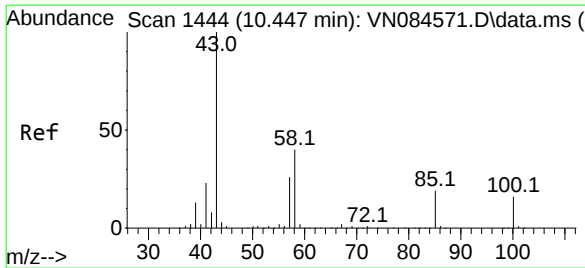
Reviewed By :John Carlone 11/11/2024
 Supervised By :Mahesh Dadoda 11/12/2024



#50
 Toluene-d8
 Concen: 48.687 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. -0.000 min
 Lab File: VN084763.D
 Acq: 11 Nov 2024 10:54

Tgt Ion: 98 Resp: 328558
 Ion Ratio Lower Upper
 98 100
 100 66.6 52.7 79.1





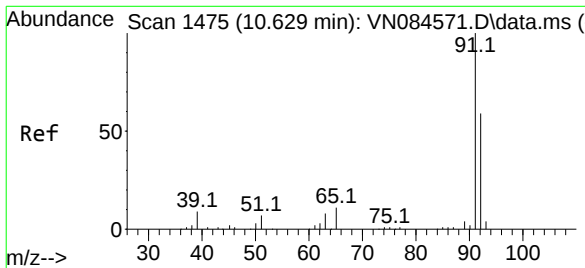
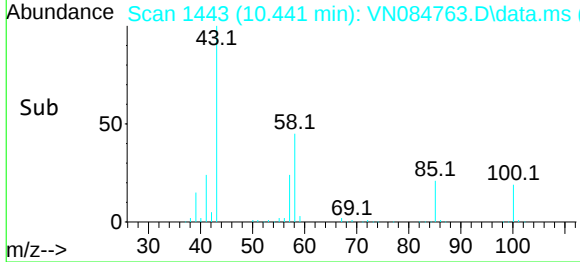
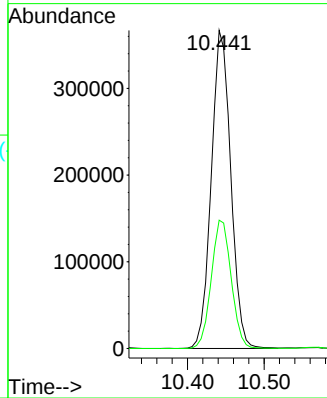
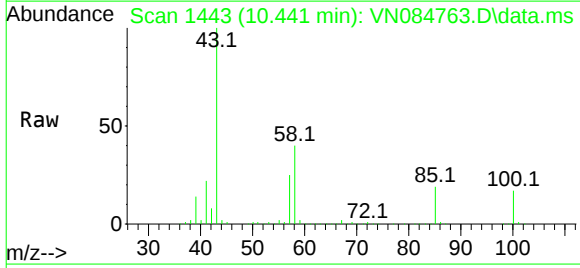
#51
4-Methyl-2-Pentanone
Concen: 294.690 ug/l
RT: 10.441 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 647585
Ion Ratio Lower Upper
43 100
58 41.3 31.6 47.4

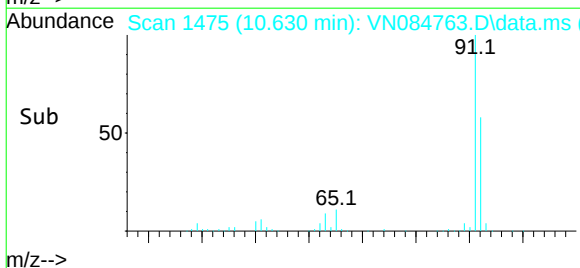
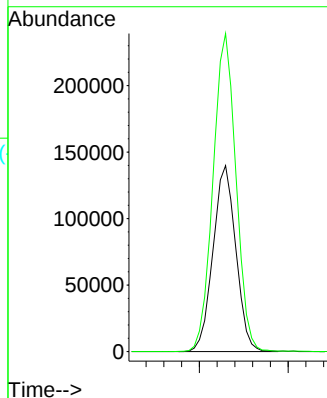
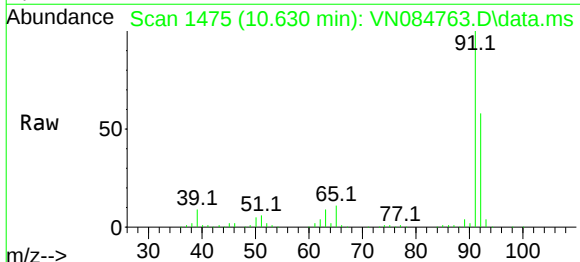
Manual Integrations
APPROVED

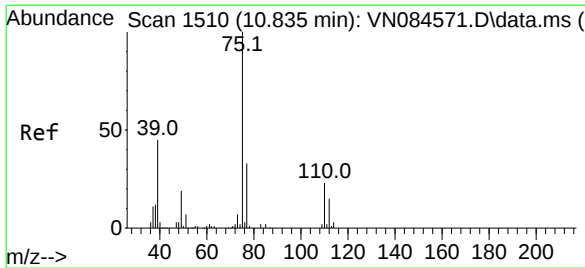
Reviewed By :John Carlone 11/11/2024
Supervised By :Mahesh Dadoda 11/12/2024



#52
Toluene
Concen: 52.263 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

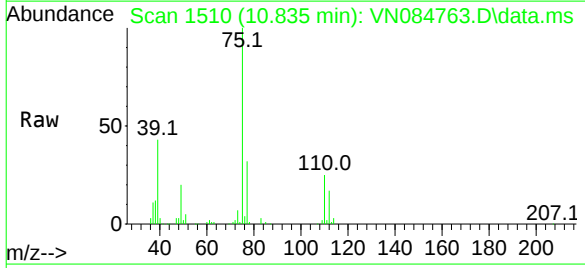
Tgt Ion: 92 Resp: 249401
Ion Ratio Lower Upper
92 100
91 172.1 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 49.888 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

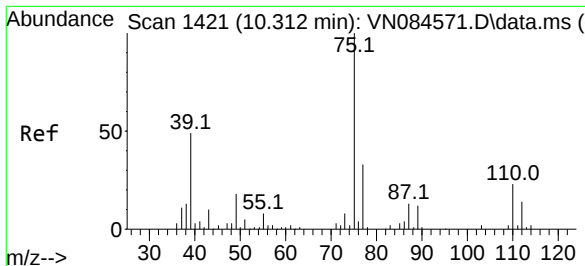
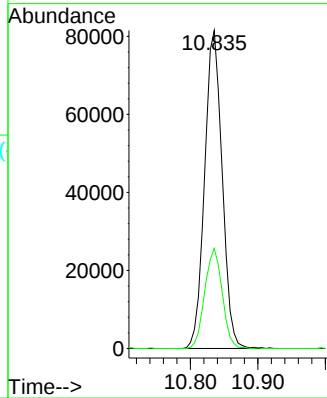
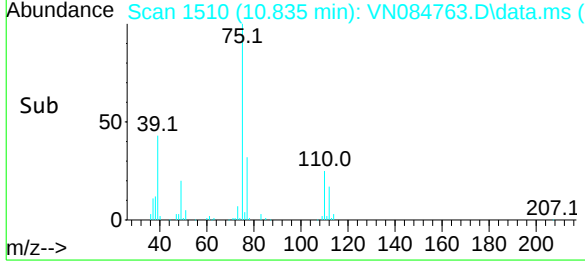
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 147017
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0

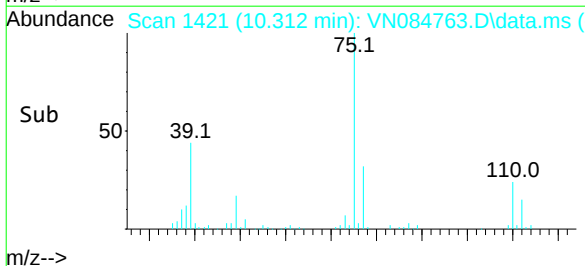
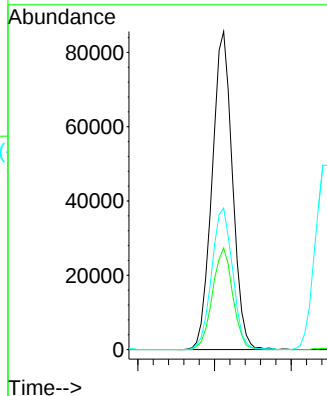
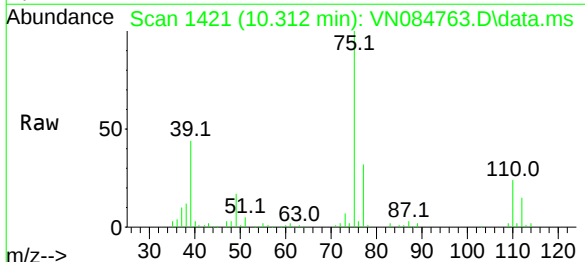
Manual Integrations
APPROVED

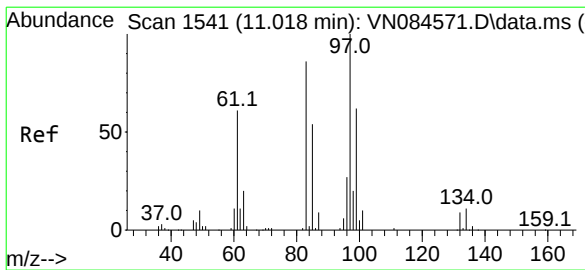
Reviewed By :John Carlone 11/11/2024
Supervised By :Mahesh Dadoda 11/12/2024



#54
cis-1,3-Dichloropropene
Concen: 50.677 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Tgt Ion: 75 Resp: 158062
Ion Ratio Lower Upper
75 100
77 31.9 24.2 36.2
39 44.5 38.7 58.1





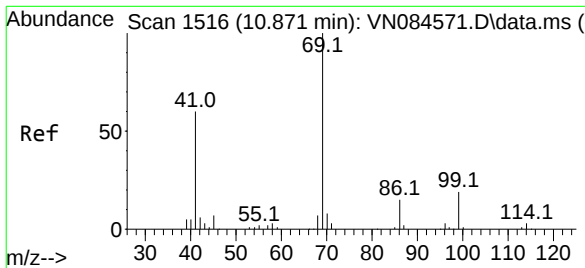
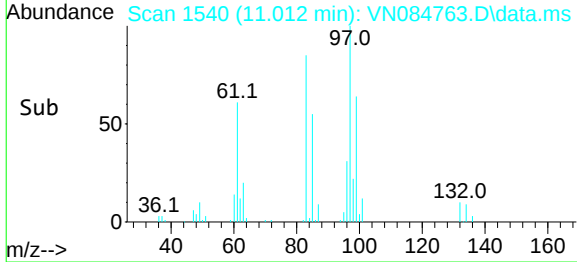
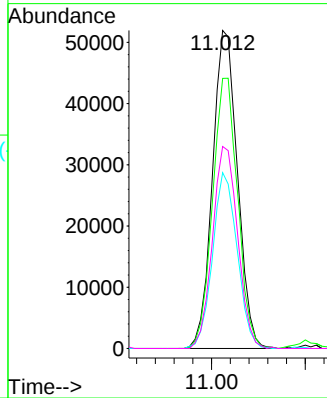
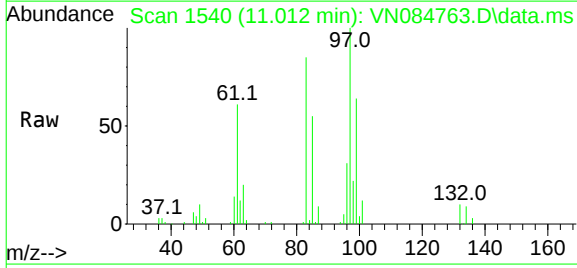
#55
1,1,2-Trichloroethane
Concen: 53.508 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.9	71.0	106.4
85	55.3	41.7	62.5
99	63.5	50.1	75.1

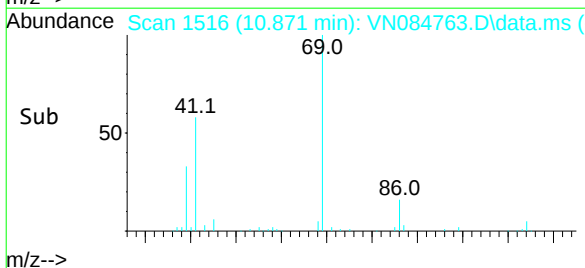
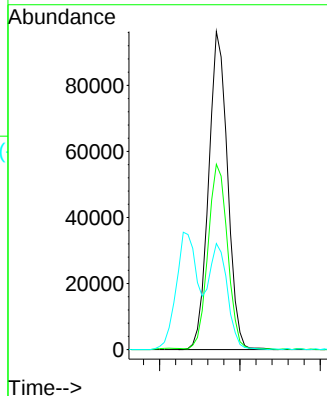
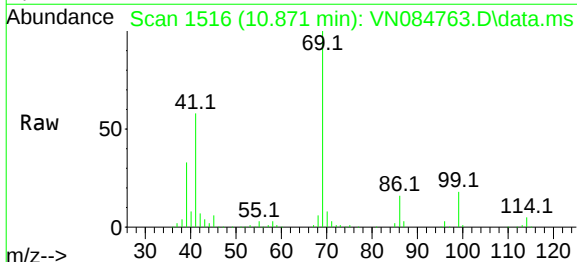
Manual Integrations
APPROVED

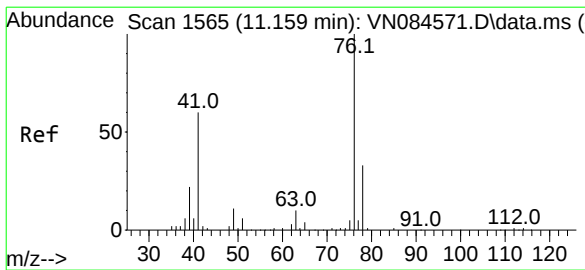
Reviewed By :John Carlone 11/11/2024
Supervised By :Mahesh Dadoda 11/12/2024



#56
Ethyl methacrylate
Concen: 60.744 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.3	53.3	79.9
39	32.9	28.8	43.2





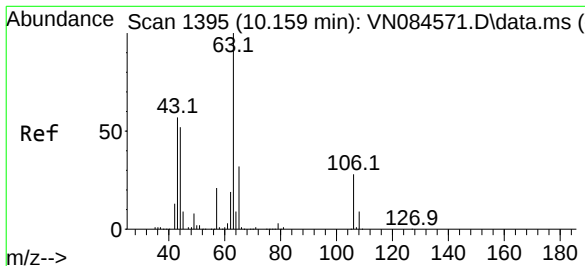
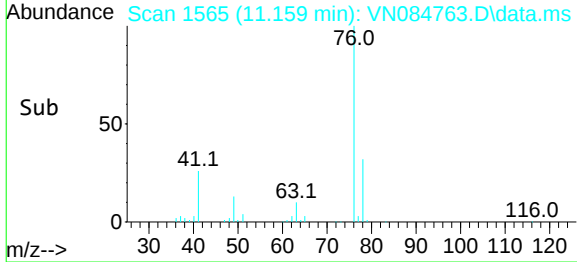
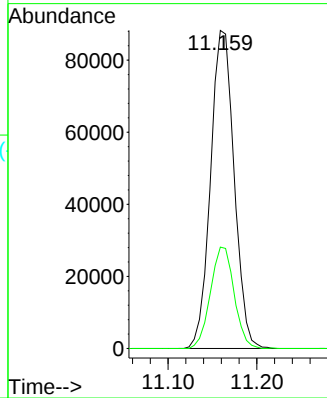
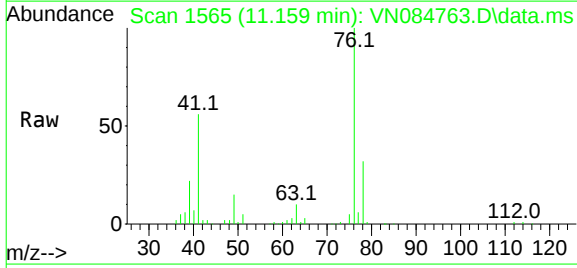
#57
1,3-Dichloropropane
Concen: 52.786 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 162845
Ion Ratio Lower Upper
76 100
78 31.9 25.8 38.6

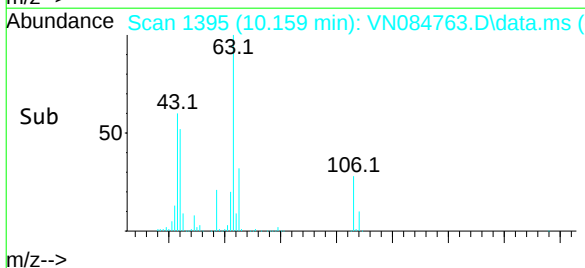
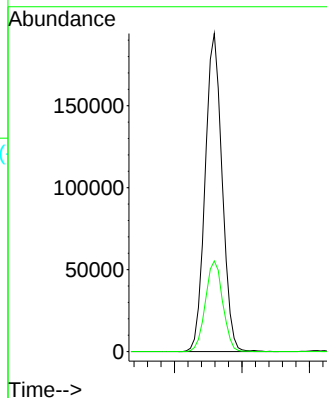
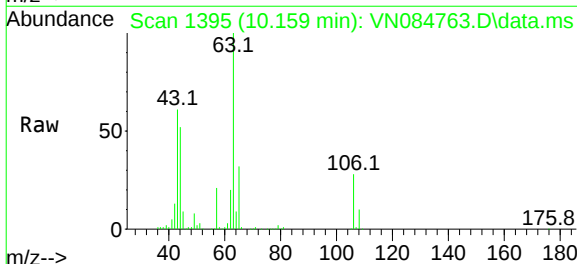
Manual Integrations
APPROVED

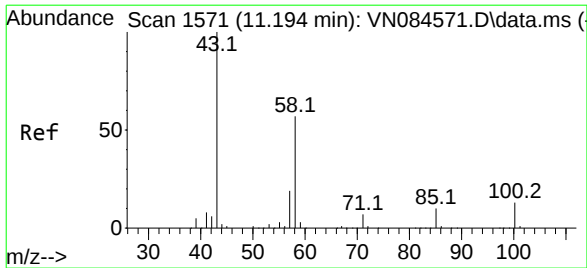
Reviewed By :John Carlone 11/11/2024
Supervised By :Mahesh Dadoda 11/12/2024



#58
2-Chloroethyl Vinyl ether
Concen: 278.300 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Tgt Ion: 63 Resp: 338599
Ion Ratio Lower Upper
63 100
106 29.1 21.8 32.6





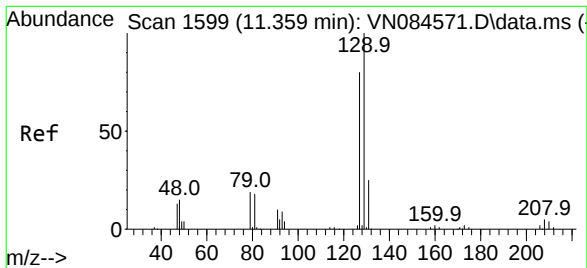
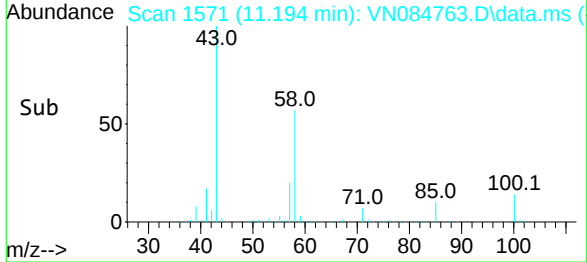
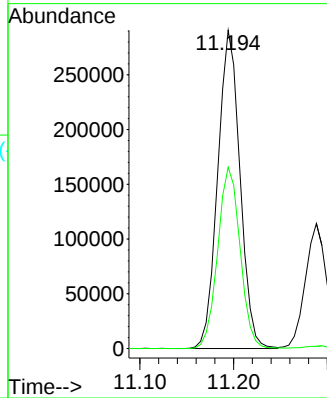
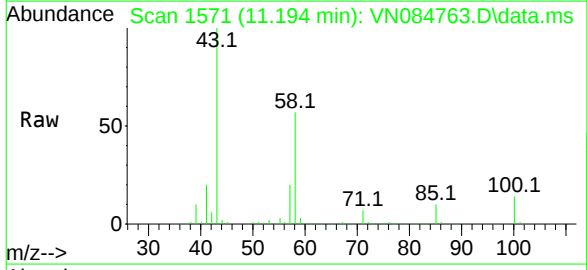
#59
2-Hexanone
Concen: 299.154 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 478507
Ion Ratio Lower Upper
43 100
58 57.3 27.3 81.8

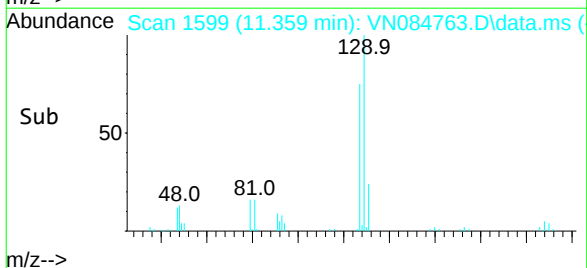
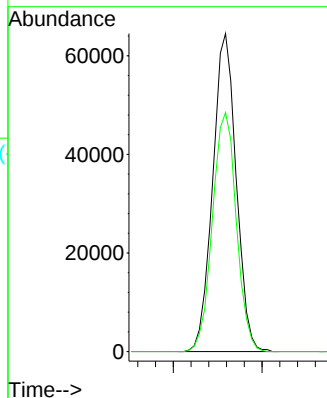
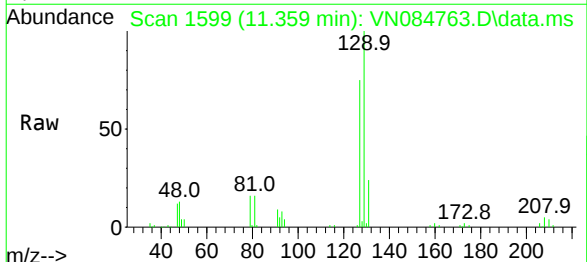
Manual Integrations
APPROVED

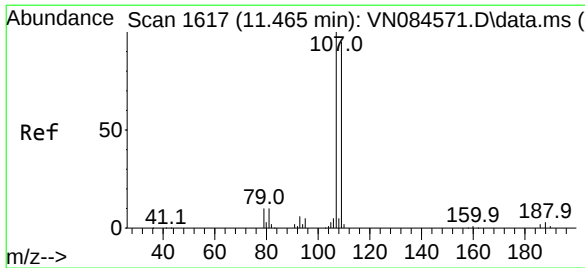
Reviewed By :John Carlone 11/11/2024
Supervised By :Mahesh Dadoda 11/12/2024



#60
Dibromochloromethane
Concen: 57.750 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Tgt Ion:129 Resp: 118310
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.9





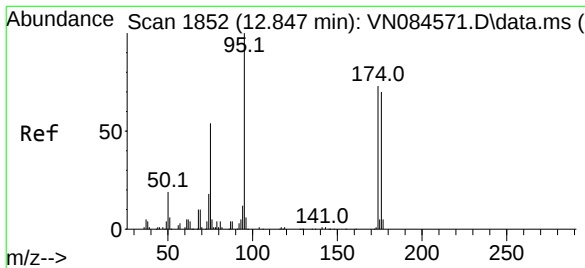
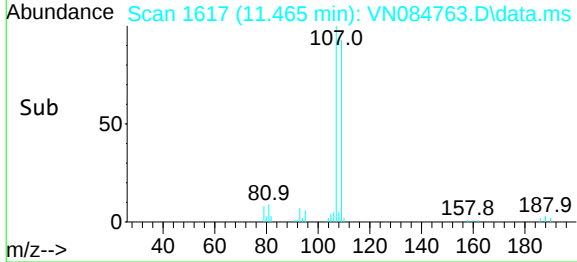
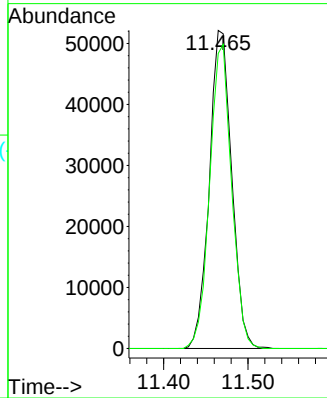
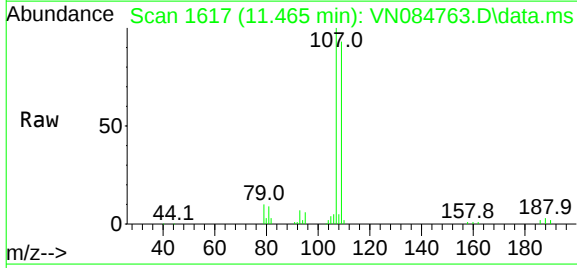
#61
1,2-Dibromoethane
Concen: 52.293 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 107 Resp: 96259
Ion Ratio Lower Upper
107 100
109 93.4 75.4 113.0

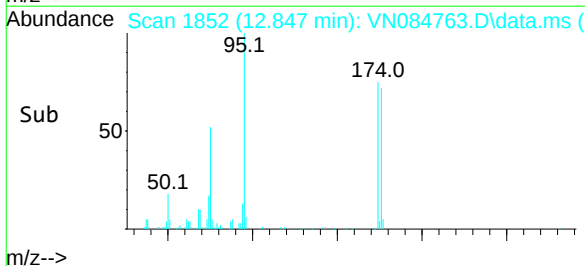
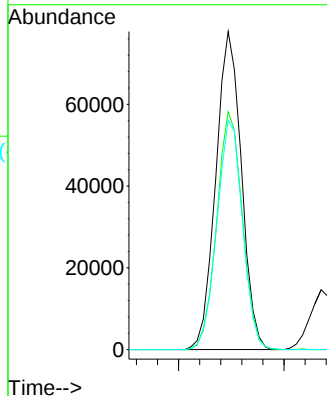
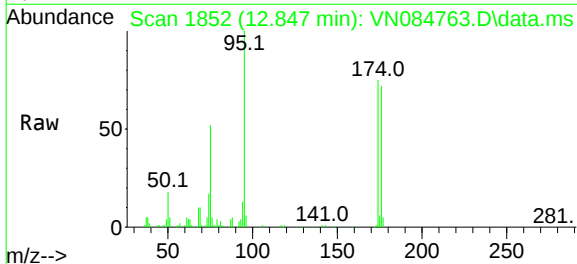
Manual Integrations
APPROVED

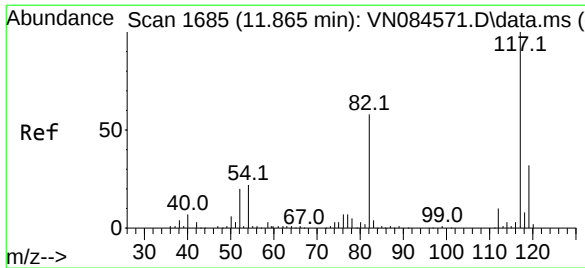
Reviewed By :John Carlone 11/11/2024
Supervised By :Mahesh Dadoda 11/12/2024



#62
4-Bromofluorobenzene
Concen: 51.967 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Tgt Ion: 95 Resp: 131064
Ion Ratio Lower Upper
95 100
174 74.8 0.0 145.2
176 72.4 0.0 140.0





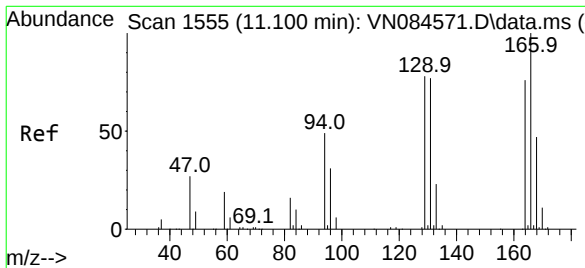
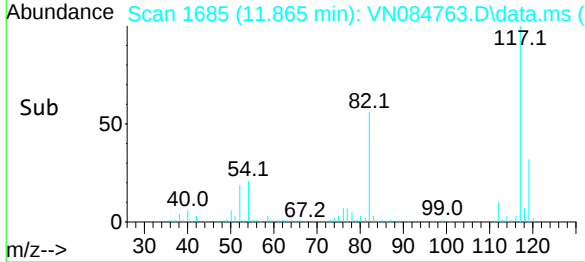
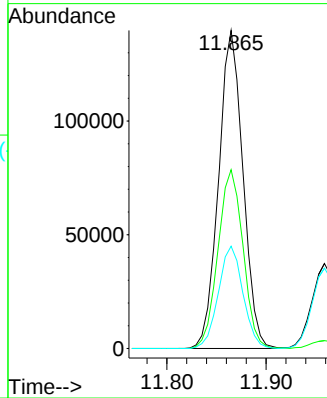
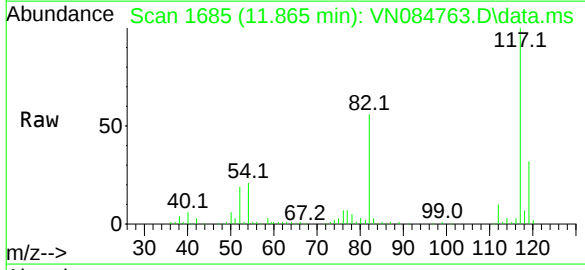
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 238712
Ion Ratio Lower Upper
117 100
82 56.2 47.2 70.8
119 32.2 25.4 38.0

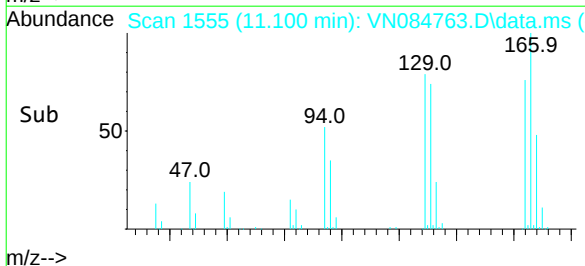
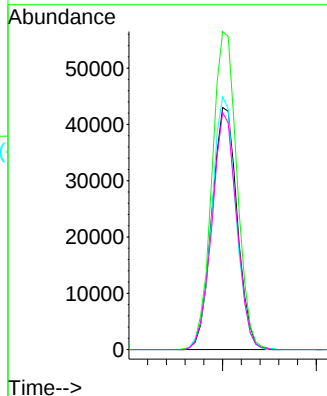
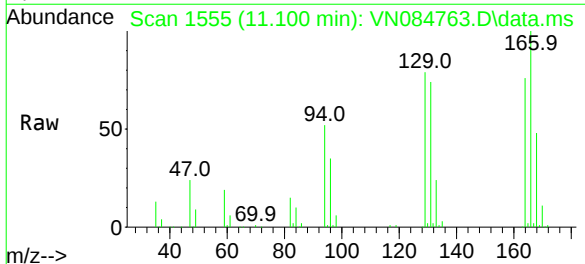
Manual Integrations
APPROVED

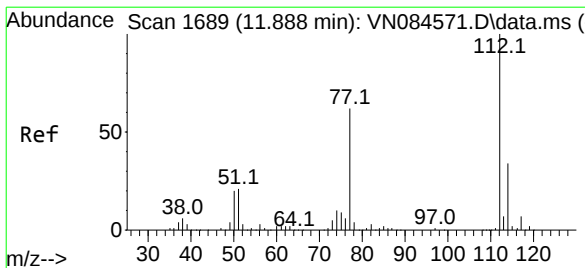
Reviewed By :John Carlone 11/11/2024
Supervised By :Mahesh Dadoda 11/12/2024



#64
Tetrachloroethene
Concen: 50.742 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

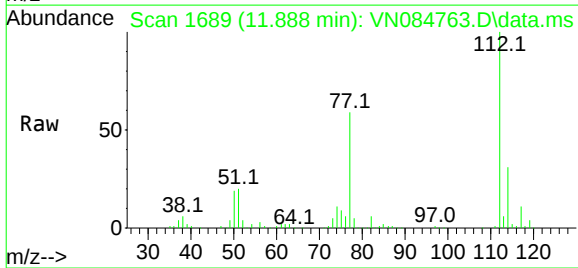
Tgt Ion:164 Resp: 80569
Ion Ratio Lower Upper
164 100
166 131.4 101.0 151.4
129 104.4 80.8 121.2
131 97.8 78.1 117.1





#65
Chlorobenzene
Concen: 49.619 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

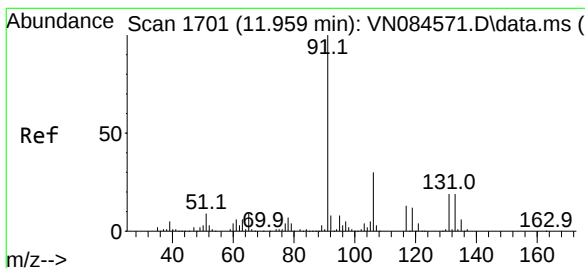
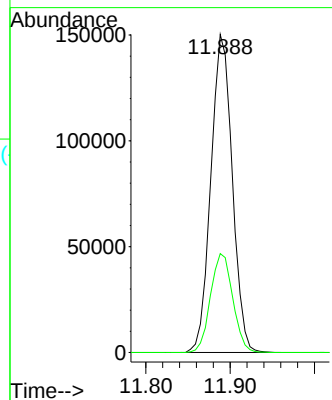
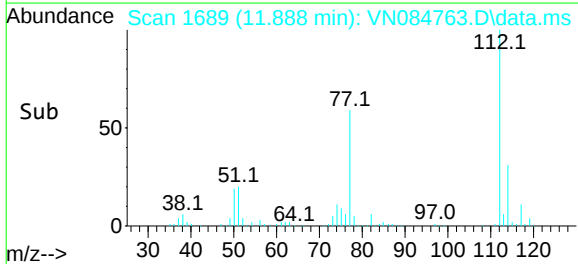
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 264984
Ion Ratio Lower Upper
112 100
114 31.1 27.0 40.6

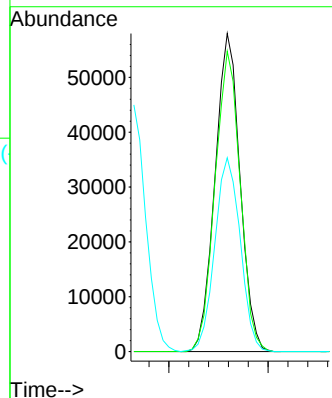
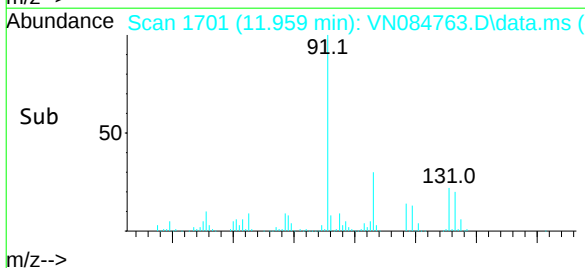
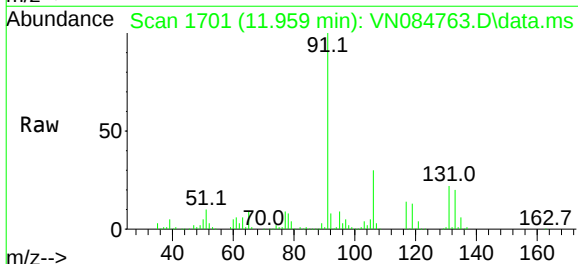
Manual Integrations
APPROVED

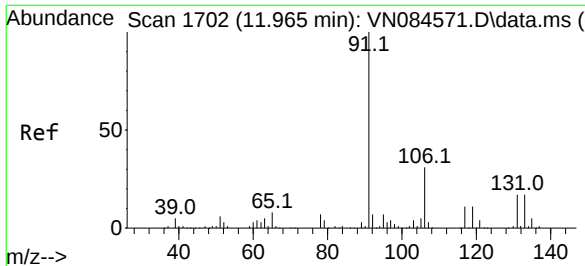
Reviewed By :John Carlone 11/11/2024
Supervised By :Mahesh Dadoda 11/12/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 54.732 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Tgt Ion:131 Resp: 101669
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.7
119 62.1 32.8 98.3





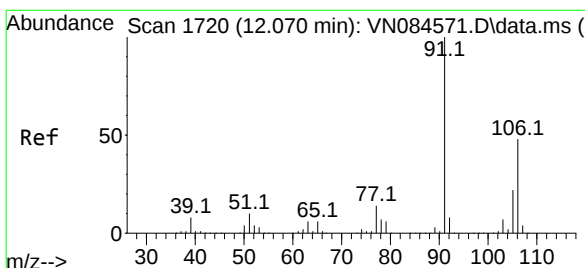
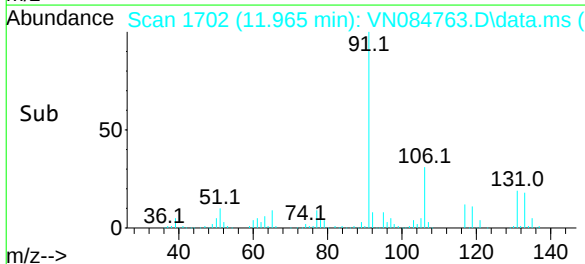
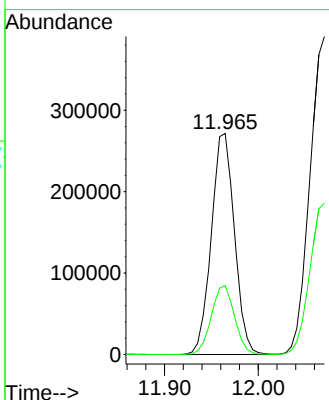
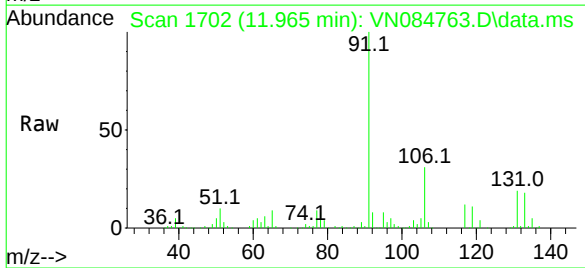
#67
Ethyl Benzene
Concen: 52.251 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 465784
Ion Ratio Lower Upper
91 100
106 31.2 24.5 36.7

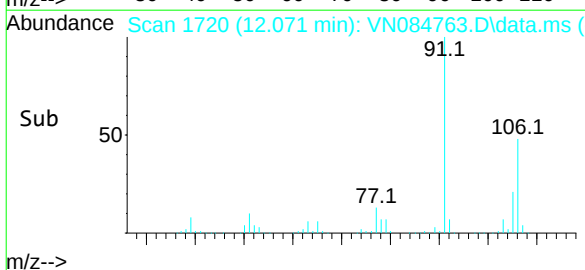
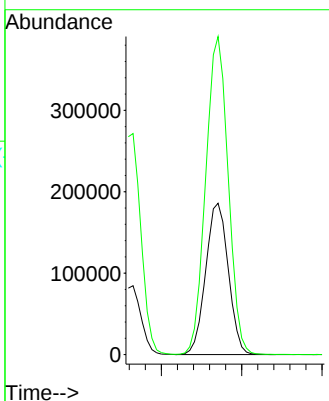
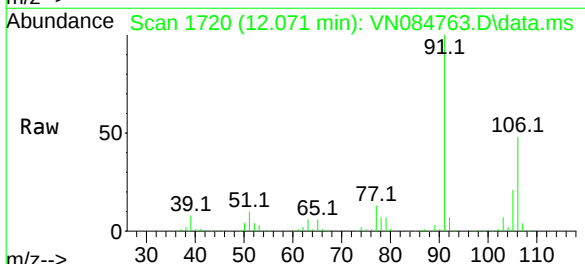
Manual Integrations
APPROVED

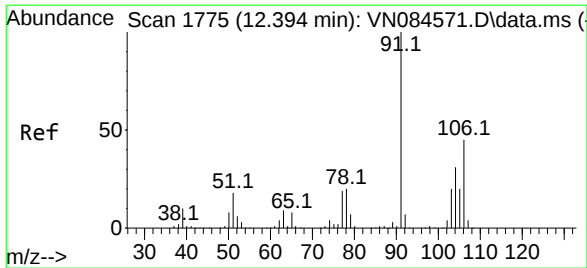
Reviewed By :John Carlone 11/11/2024
Supervised By :Mahesh Dadoda 11/12/2024



#68
m/p-Xylenes
Concen: 107.734 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Tgt Ion:106 Resp: 363586
Ion Ratio Lower Upper
106 100
91 208.6 167.1 250.7





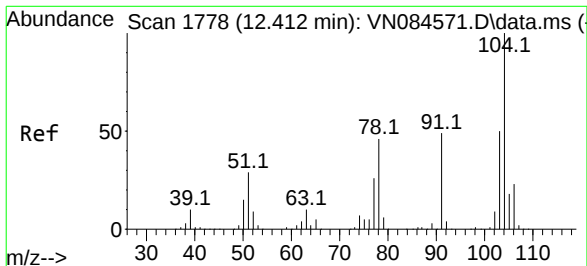
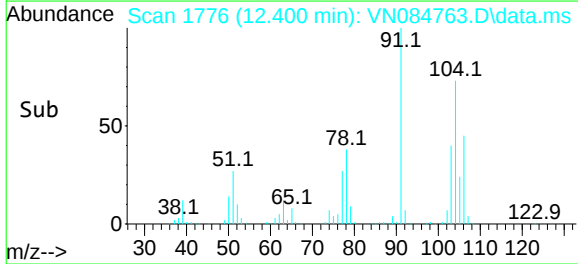
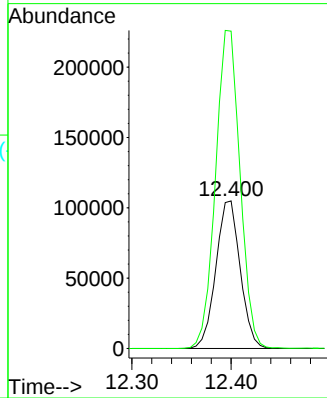
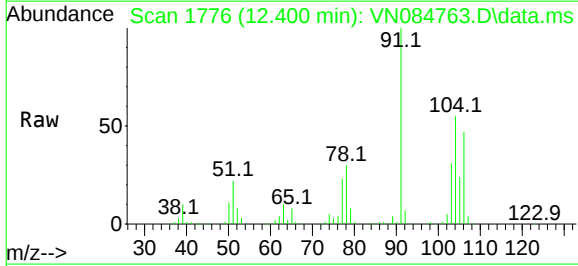
#69
o-Xylene
Concen: 56.617 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 178745
Ion Ratio Lower Upper
106 100
91 217.2 110.2 330.6

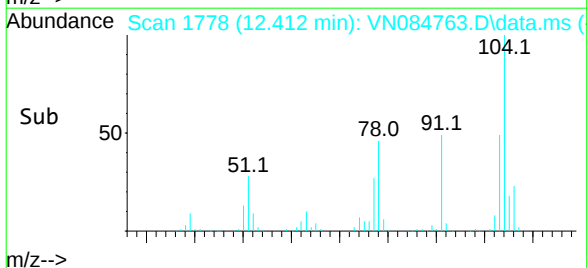
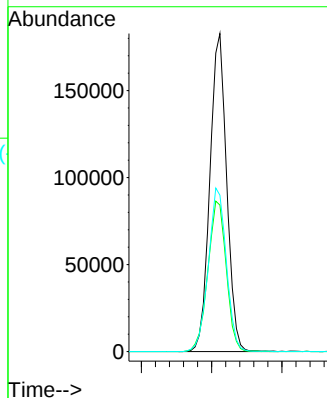
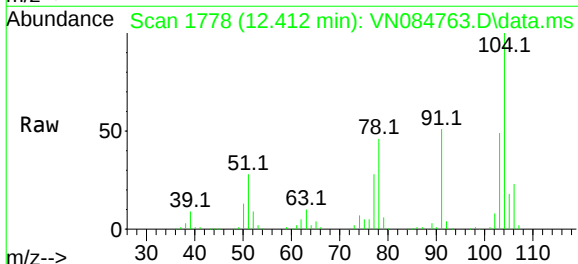
Manual Integrations
APPROVED

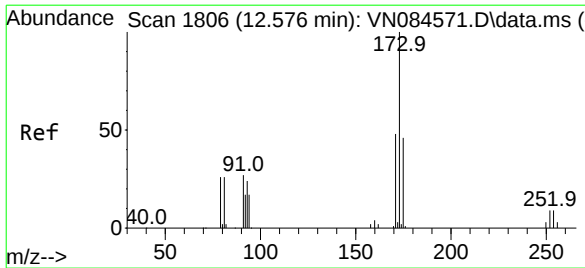
Reviewed By :John Carlone 11/11/2024
Supervised By :Mahesh Dadoda 11/12/2024



#70
Styrene
Concen: 55.134 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Tgt Ion:104 Resp: 303645
Ion Ratio Lower Upper
104 100
78 51.6 42.7 64.1
103 55.2 43.6 65.4





#71

Bromoform

Concen: 58.721 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN084763.D

Acq: 11 Nov 2024 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

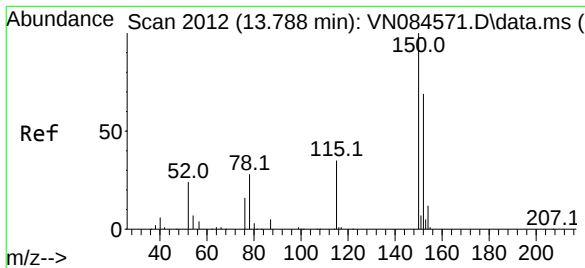
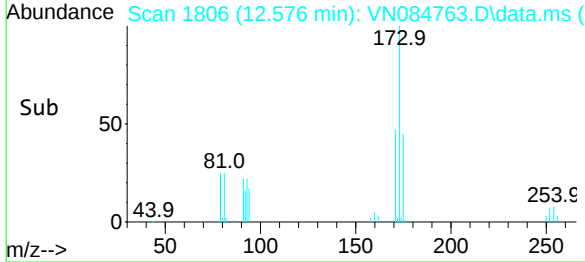
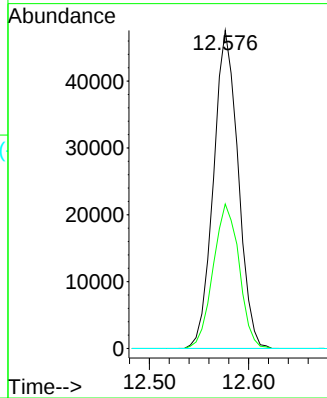
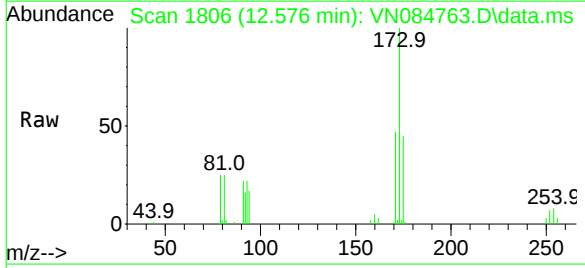
Tgt Ion:	173	Resp:	82078
Ion Ratio	Lower	Upper	
173	100		
175	47.9	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2024

Supervised By :Mahesh Dadoda 11/12/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

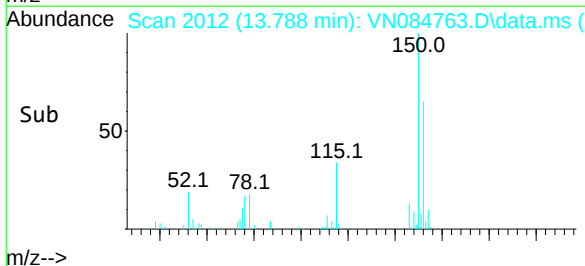
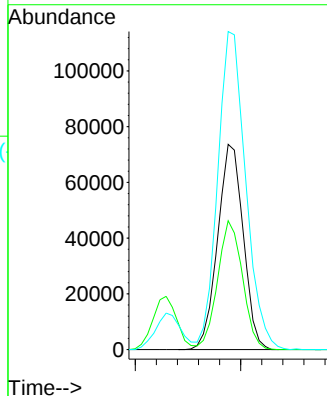
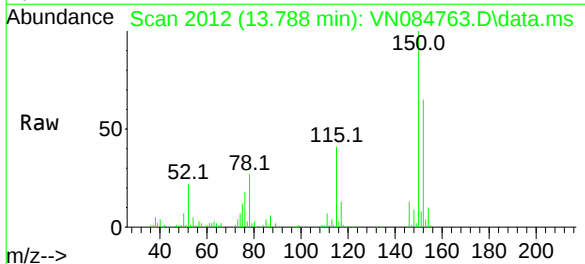
RT: 13.788 min Scan# 2012

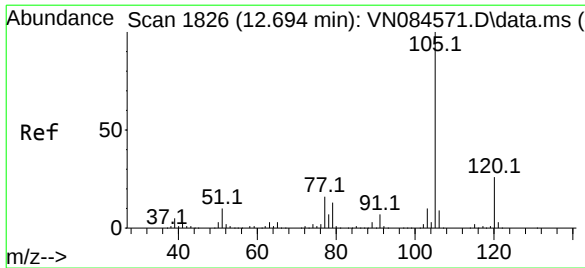
Delta R.T. 0.000 min

Lab File: VN084763.D

Acq: 11 Nov 2024 10:54

Tgt Ion:	152	Resp:	124434
Ion Ratio	Lower	Upper	
152	100		
115	60.7	31.3	93.9
150	169.0	0.0	349.8





#73

Isopropylbenzene

Concen: 51.228 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084763.D

Acq: 11 Nov 2024 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 446708

Ion Ratio Lower Upper

105 100

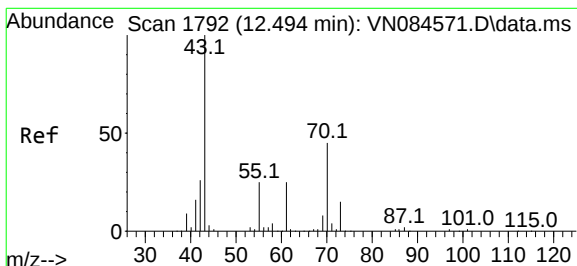
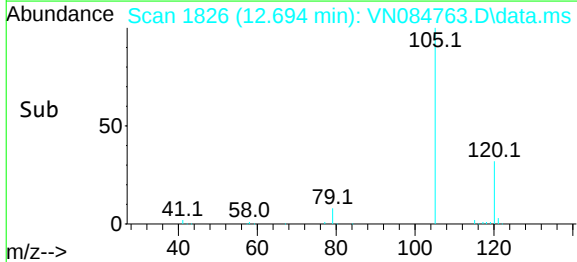
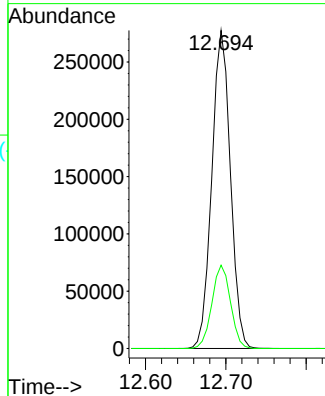
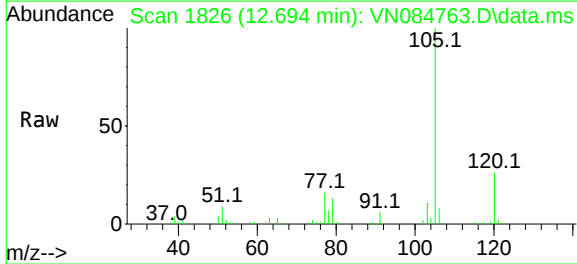
120 26.1 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2024

Supervised By :Mahesh Dadoda 11/12/2024



#74

N-ethyl acetate

Concen: 50.722 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN084763.D

Acq: 11 Nov 2024 10:54

Tgt Ion: 43 Resp: 188248

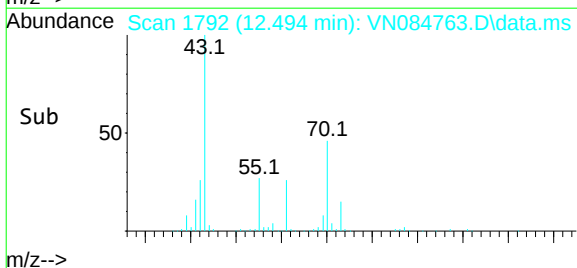
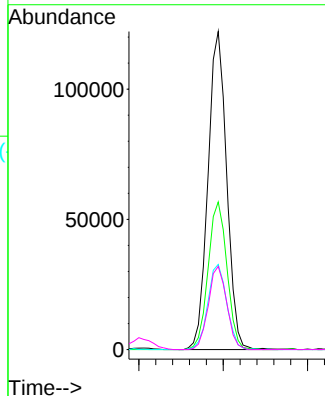
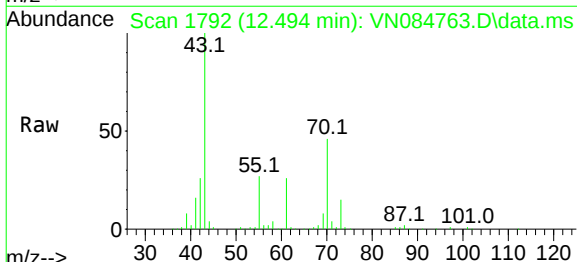
Ion Ratio Lower Upper

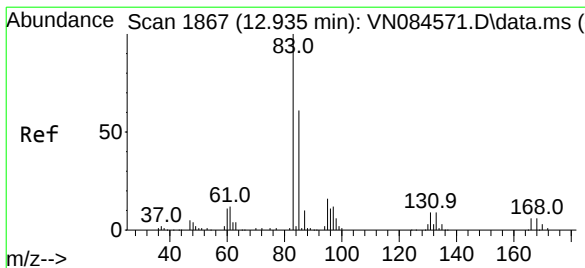
43 100

70 46.8 34.4 51.6

55 27.2 19.6 29.4

61 25.7 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 49.129 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN084763.D

Acq: 11 Nov 2024 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

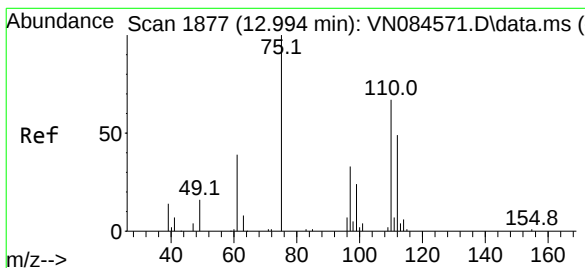
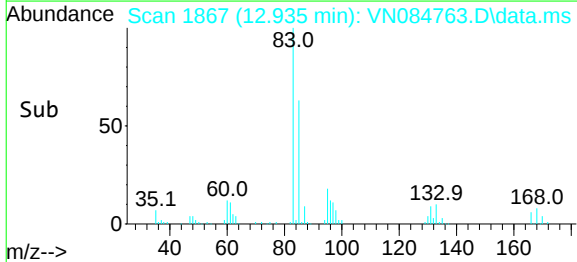
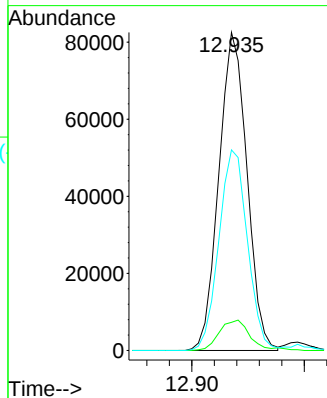
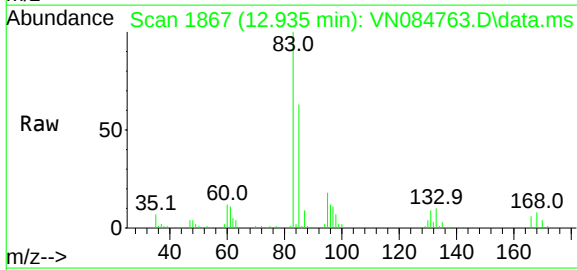
Tgt Ion:	83	Resp:	142997
Ion	Ratio	Lower	Upper
83	100		
131	10.6	4.9	14.7
85	64.2	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2024

Supervised By :Mahesh Dadoda 11/12/2024



#76

1,2,3-Trichloropropane

Concen: 47.539 ug/l m

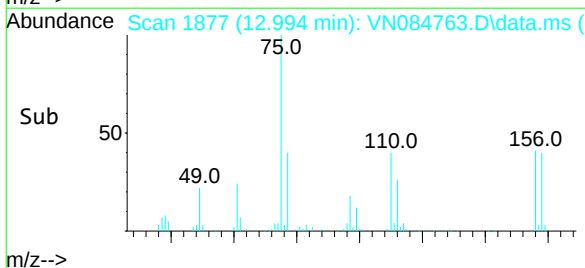
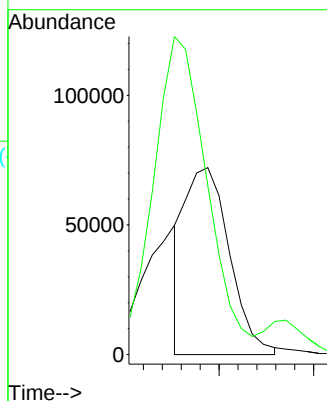
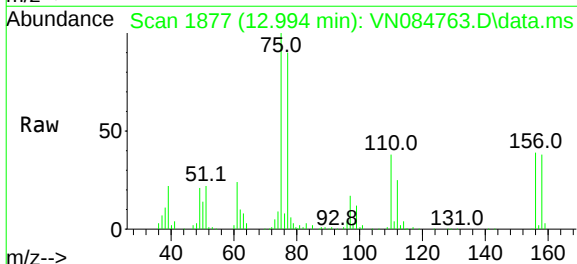
RT: 12.994 min Scan# 1877

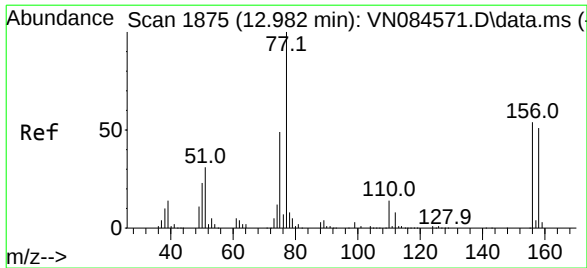
Delta R.T. 0.006 min

Lab File: VN084763.D

Acq: 11 Nov 2024 10:54

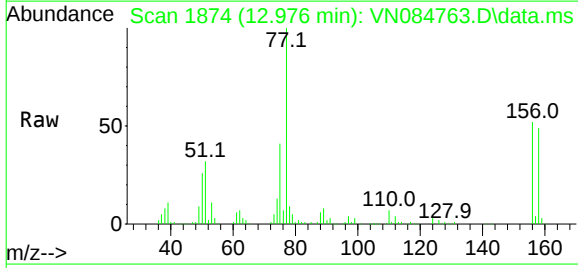
Tgt Ion:	75	Resp:	118247
Ion	Ratio	Lower	Upper
75	100		
77	205.7	96.9	290.7





#77
Bromobenzene
Concen: 48.357 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

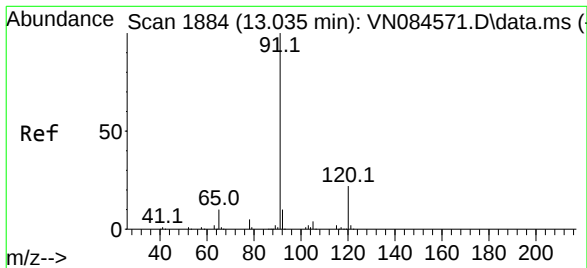
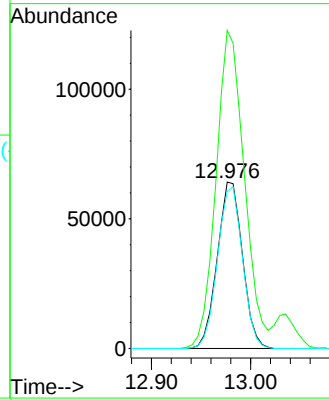
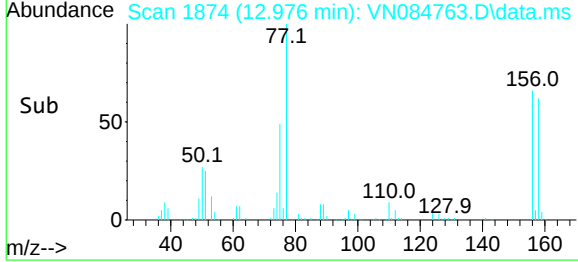
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 156 Resp: 113359
Ion Ratio Lower Upper
156 100
77 214.5 115.1 345.3
158 96.3 48.9 146.8

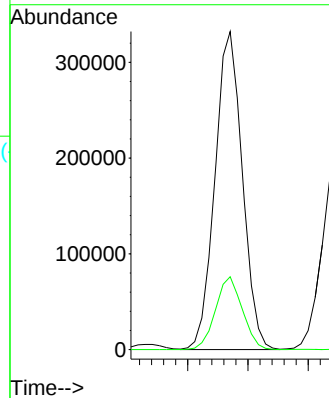
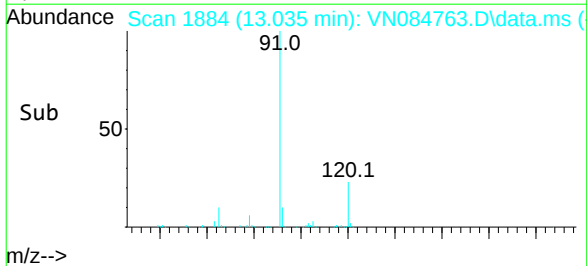
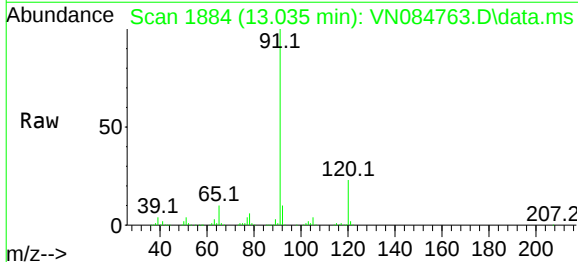
Manual Integrations
APPROVED

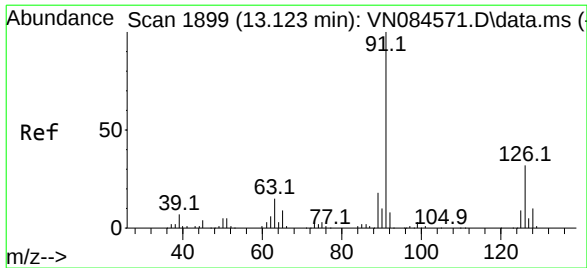
Reviewed By :John Carlone 11/11/2024
Supervised By :Mahesh Dadoda 11/12/2024



#78
n-propylbenzene
Concen: 51.358 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Tgt Ion: 91 Resp: 524800
Ion Ratio Lower Upper
91 100
120 22.4 10.8 32.4





#79

2-Chlorotoluene

Concen: 49.979 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN084763.D

Acq: 11 Nov 2024 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 333703

Ion Ratio Lower Upper

91 100

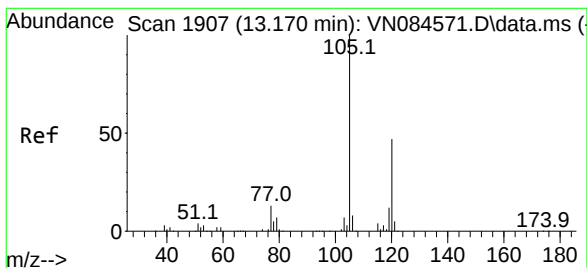
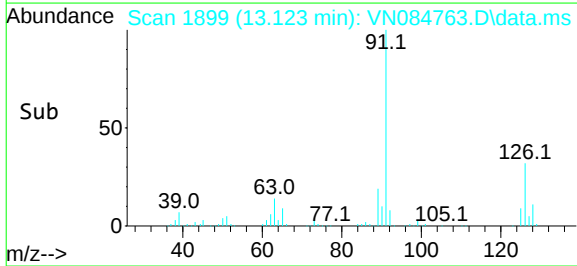
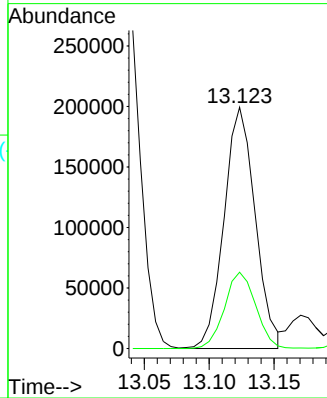
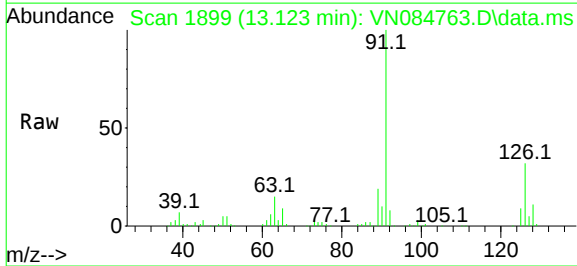
126 31.6 15.7 47.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2024

Supervised By :Mahesh Dadoda 11/12/2024



#80

1,3,5-Trimethylbenzene

Concen: 54.470 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084763.D

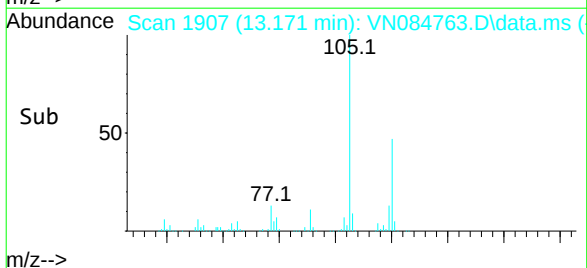
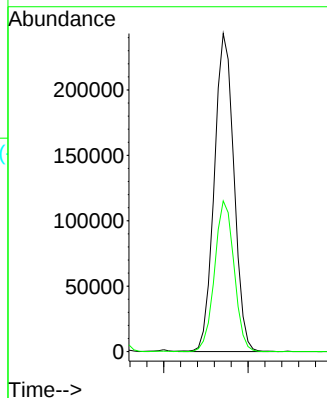
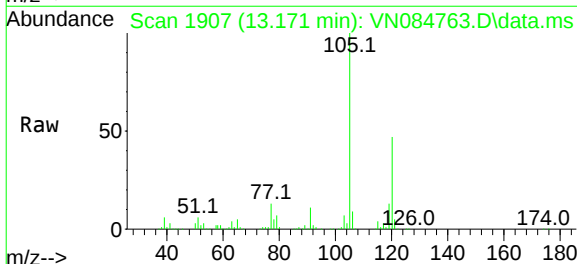
Acq: 11 Nov 2024 10:54

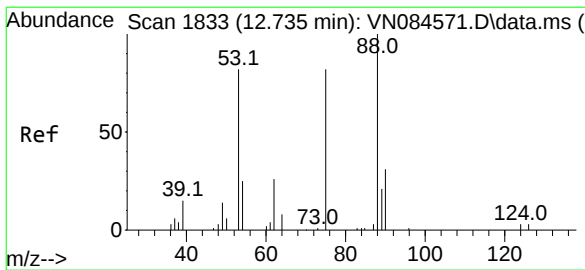
Tgt Ion:105 Resp: 393675

Ion Ratio Lower Upper

105 100

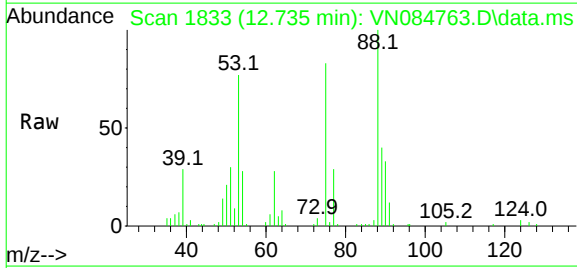
120 46.9 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 48.563 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

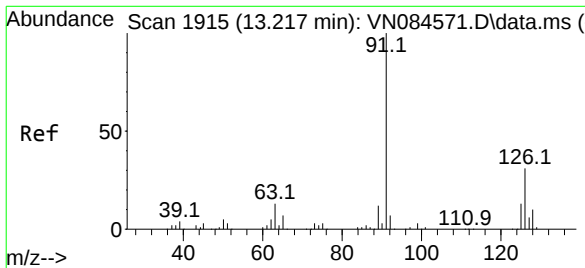
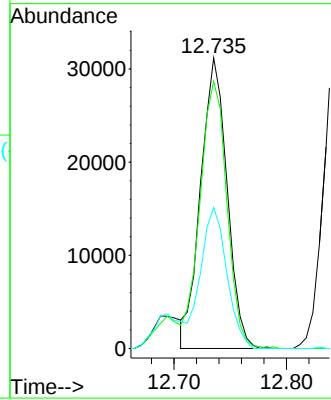
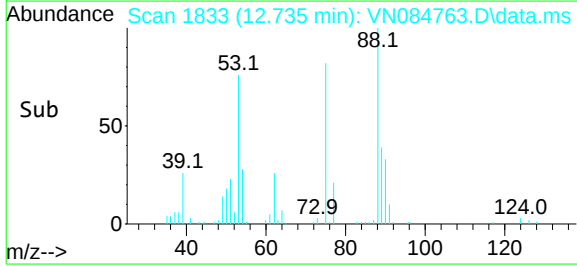
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 50917
Ion Ratio Lower Upper
75 100
53 93.8 78.0 117.0
89 47.5 35.5 53.3

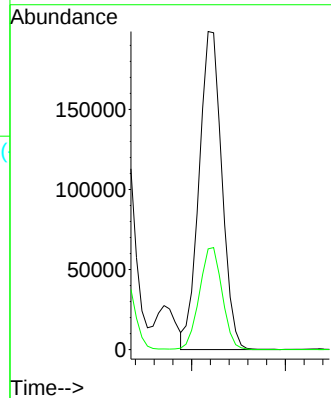
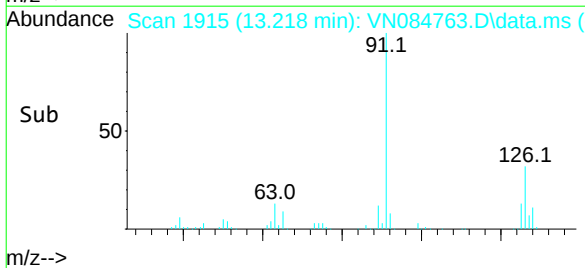
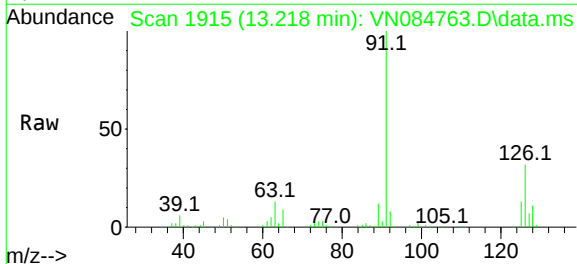
Manual Integrations
APPROVED

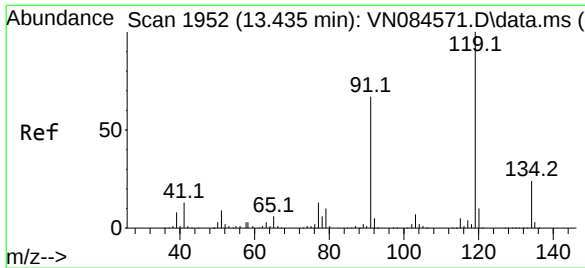
Reviewed By :John Carlone 11/11/2024
Supervised By :Mahesh Dadoda 11/12/2024



#82
4-Chlorotoluene
Concen: 47.812 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Tgt Ion: 91 Resp: 335959
Ion Ratio Lower Upper
91 100
126 32.1 15.7 47.1





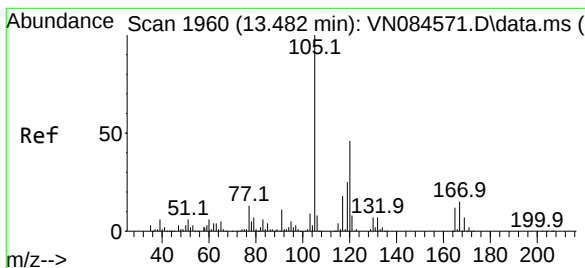
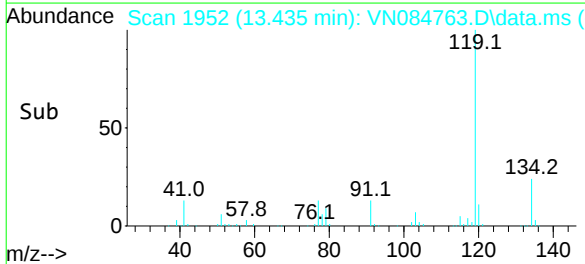
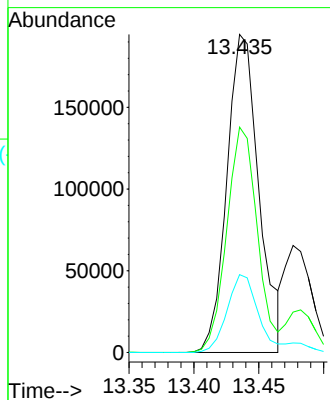
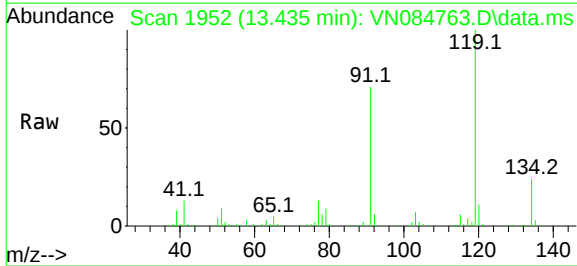
#83
tert-Butylbenzene
Concen: 56.018 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 335070
Ion Ratio Lower Upper
119 100
91 67.5 34.1 102.3
134 23.8 12.8 38.4

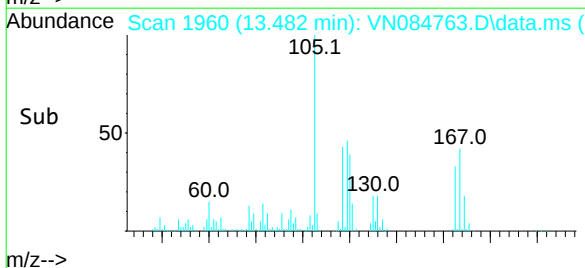
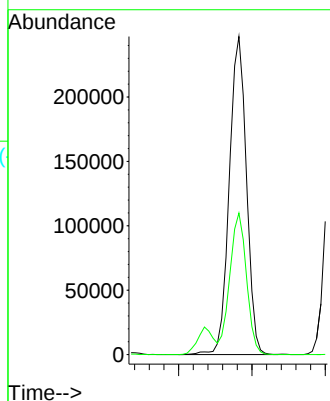
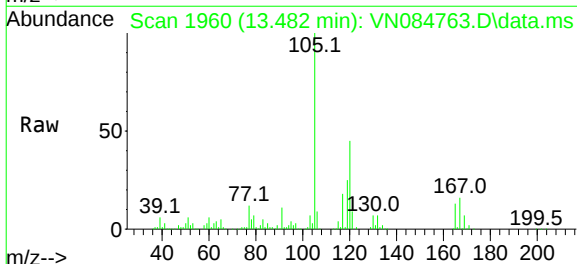
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/11/2024
Supervised By :Mahesh Dadoda 11/12/2024



#84
1,2,4-Trimethylbenzene
Concen: 53.831 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Tgt Ion:105 Resp: 401540
Ion Ratio Lower Upper
105 100
120 43.4 22.3 66.8





#85

sec-Butylbenzene

Concen: 52.893 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.006 min

Lab File: VN084763.D

Acq: 11 Nov 2024 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 446905

Ion Ratio Lower Upper

105 100

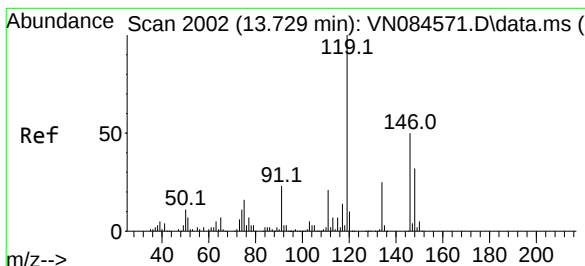
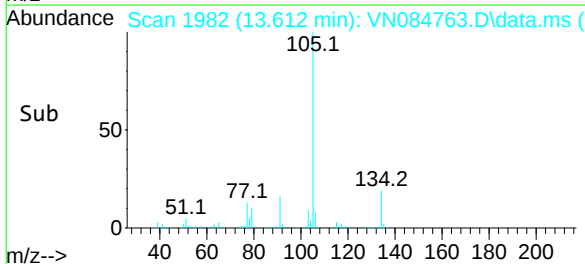
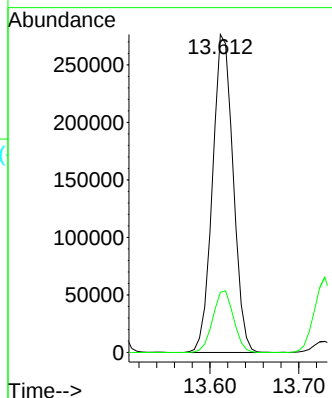
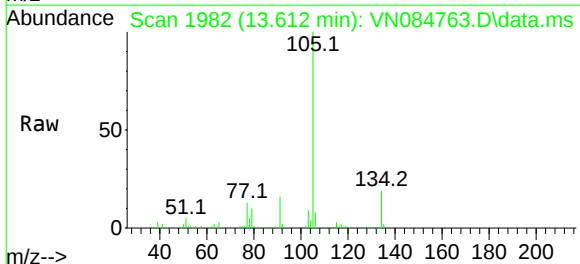
134 19.5 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2024

Supervised By :Mahesh Dadoda 11/12/2024



#86

p-Isopropyltoluene

Concen: 55.110 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084763.D

Acq: 11 Nov 2024 10:54

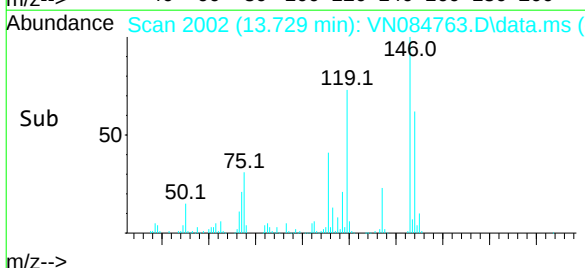
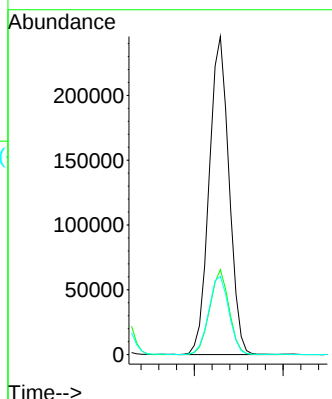
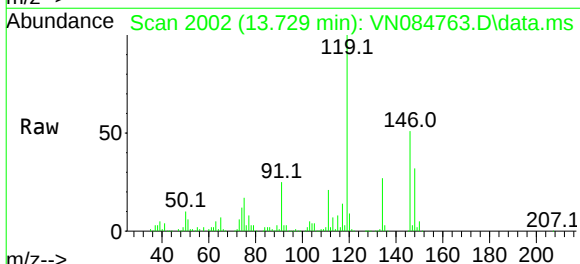
Tgt Ion:119 Resp: 381882

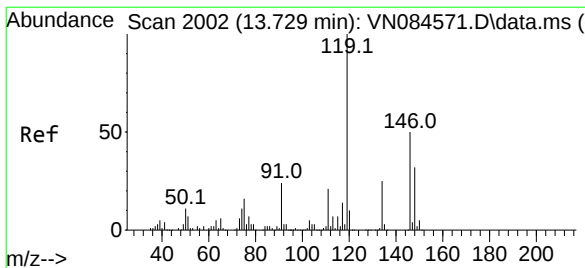
Ion Ratio Lower Upper

119 100

134 25.8 12.6 37.8

91 25.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 45.837 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084763.D

Acq: 11 Nov 2024 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

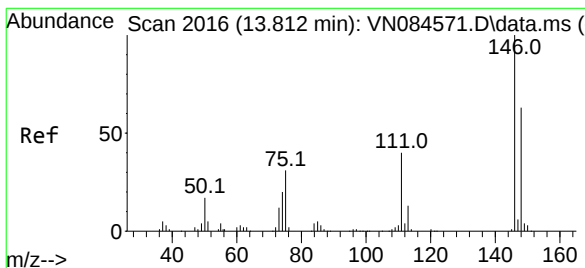
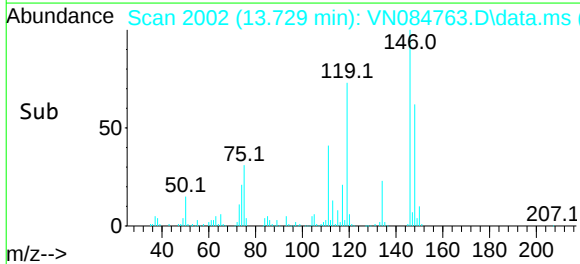
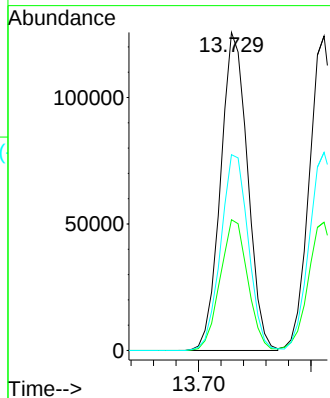
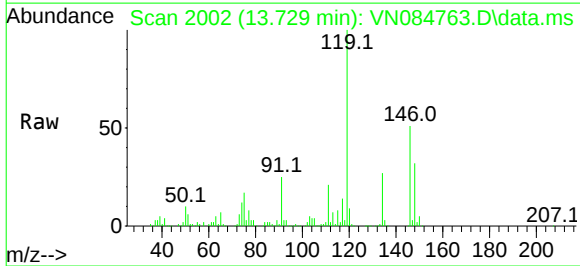
Tgt Ion:	146	Resp:	209698
Ion Ratio	Lower	Upper	
146	100		
111	42.0	21.8	65.3
148	63.0	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2024

Supervised By :Mahesh Dadoda 11/12/2024



#88

1,4-Dichlorobenzene

Concen: 49.560 ug/l

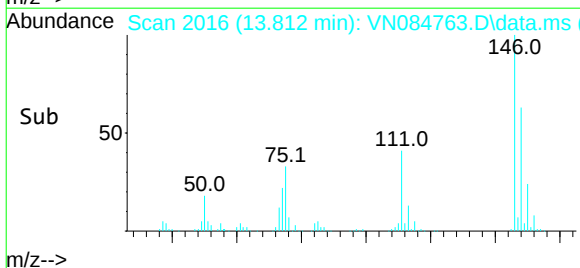
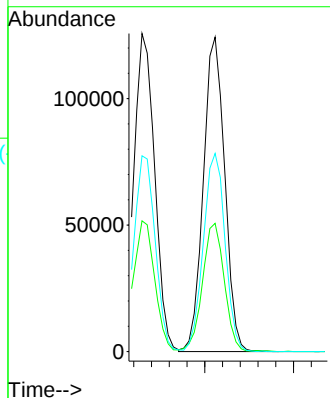
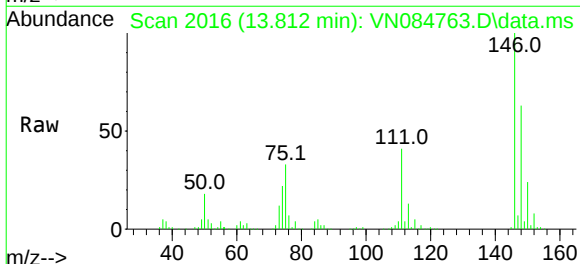
RT: 13.812 min Scan# 2016

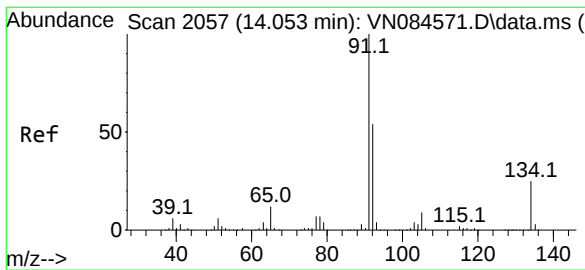
Delta R.T. -0.000 min

Lab File: VN084763.D

Acq: 11 Nov 2024 10:54

Tgt Ion:	146	Resp:	207944
Ion Ratio	Lower	Upper	
146	100		
111	41.2	21.2	63.6
148	64.1	31.9	95.9





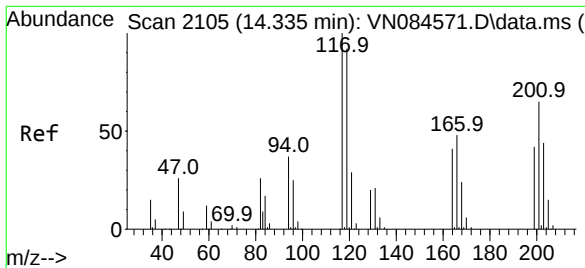
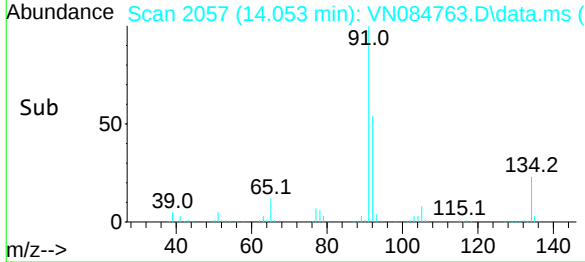
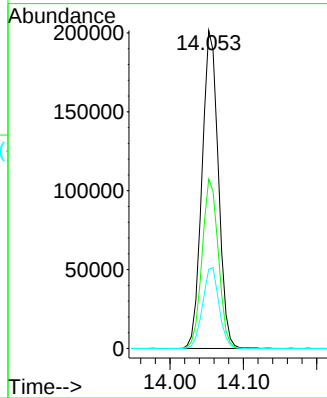
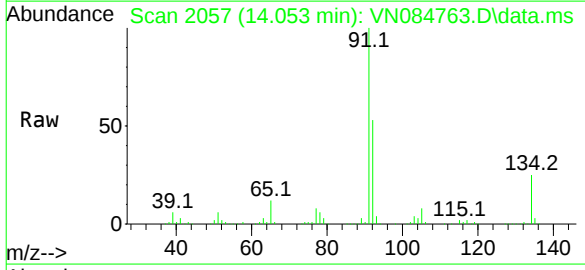
#89
n-Butylbenzene
Concen: 48.155 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 312135
Ion Ratio Lower Upper
91 100
92 53.1 26.6 79.7
134 25.5 12.3 36.9

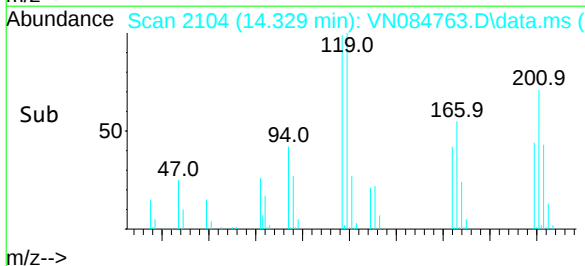
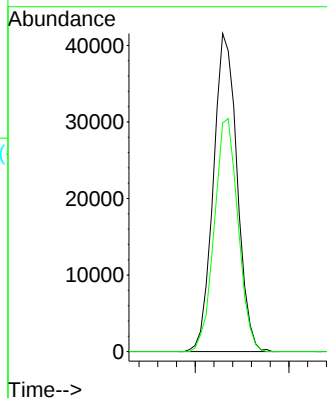
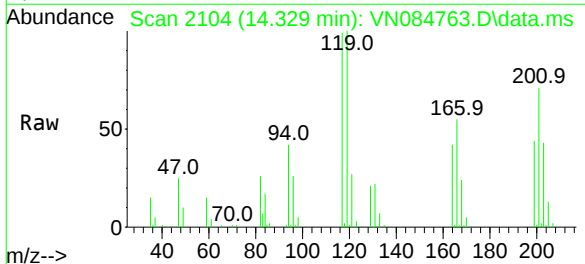
Manual Integrations
APPROVED

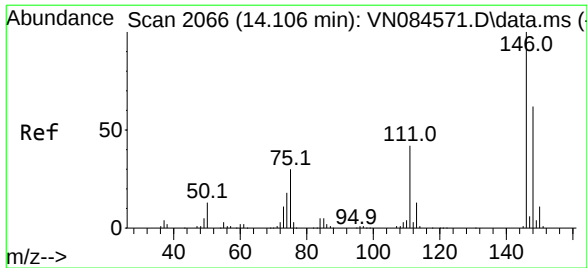
Reviewed By :John Carlone 11/11/2024
Supervised By :Mahesh Dadoda 11/12/2024



#90
Hexachloroethane
Concen: 47.297 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Tgt Ion:117 Resp: 73088
Ion Ratio Lower Upper
117 100
201 73.3 34.4 103.2





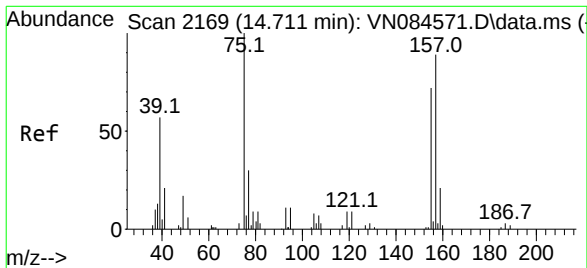
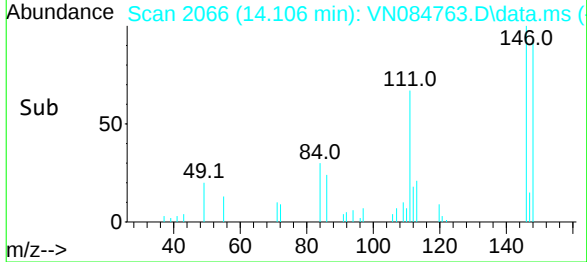
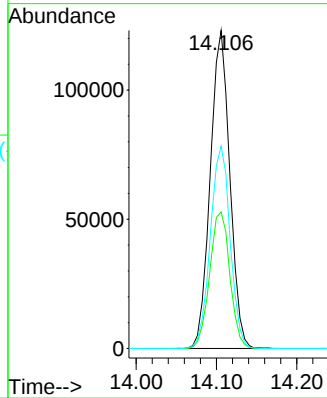
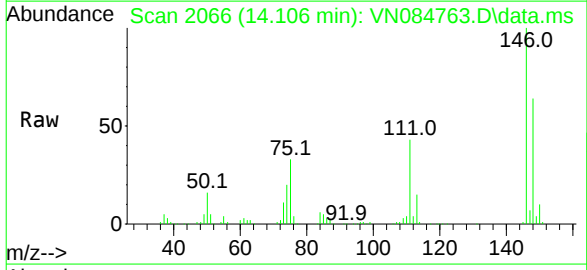
#91
1,2-Dichlorobenzene
Concen: 47.283 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 207866
Ion Ratio Lower Upper
146 100
111 44.3 22.0 66.0
148 64.5 32.1 96.3

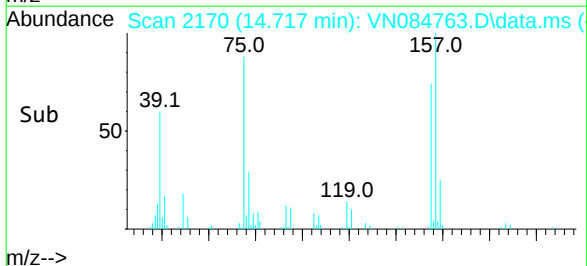
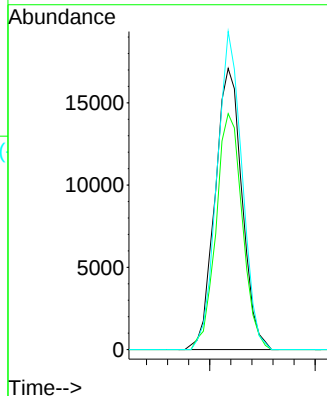
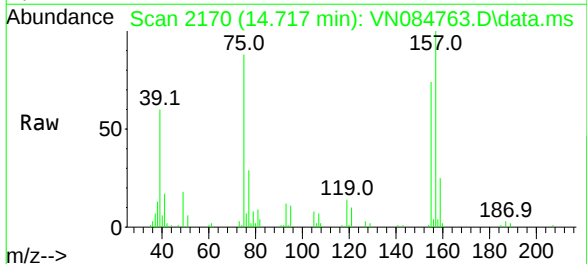
Manual Integrations
APPROVED

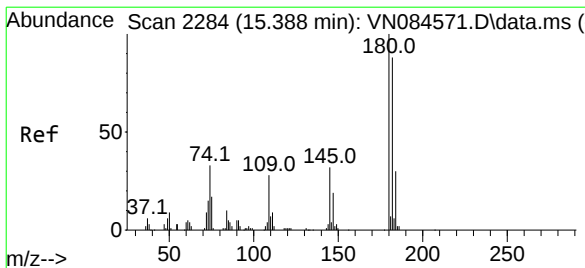
Reviewed By :John Carlone 11/11/2024
Supervised By :Mahesh Dadoda 11/12/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.610 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

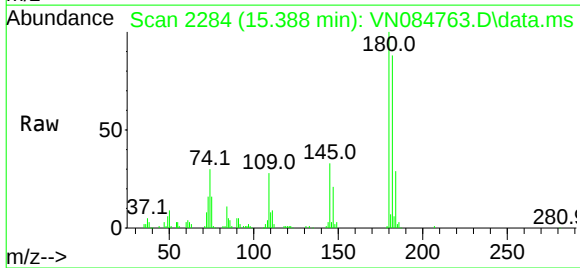
Tgt Ion: 75 Resp: 30432
Ion Ratio Lower Upper
75 100
155 81.6 38.1 114.5
157 105.0 49.6 149.0





#93
1,2,4-Trichlorobenzene
Concen: 46.111 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

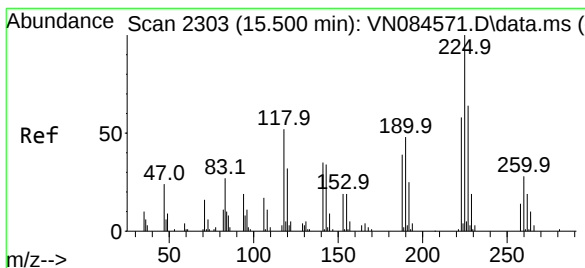
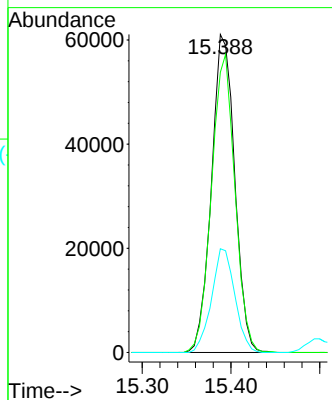
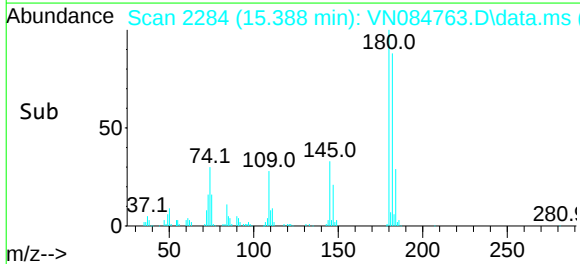
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 110955
Ion Ratio Lower Upper
180 100
182 94.4 47.0 141.0
145 32.7 16.4 49.4

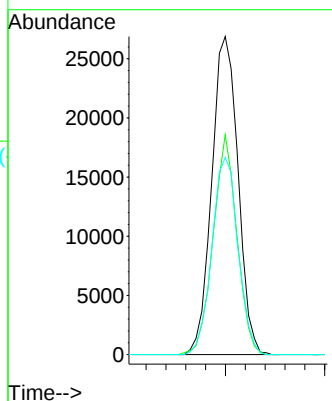
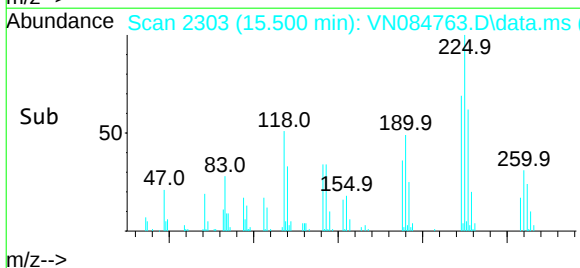
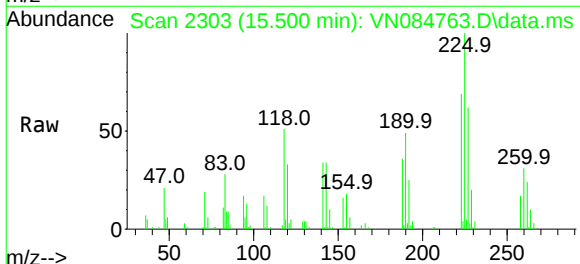
Manual Integrations
APPROVED

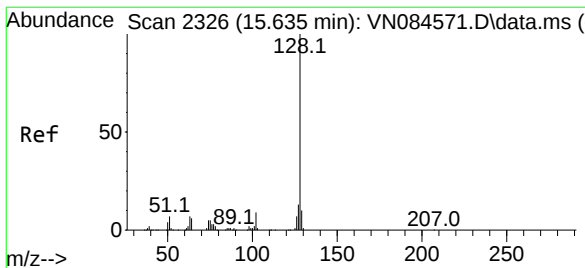
Reviewed By :John Carlone 11/11/2024
Supervised By :Mahesh Dadoda 11/12/2024



#94
Hexachlorobutadiene
Concen: 46.744 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN084763.D
Acq: 11 Nov 2024 10:54

Tgt Ion:225 Resp: 49394
Ion Ratio Lower Upper
225 100
223 62.4 32.4 97.2
227 61.5 32.4 97.0





#95

Naphthalene

Concen: 50.979 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN084763.D

Acq: 11 Nov 2024 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

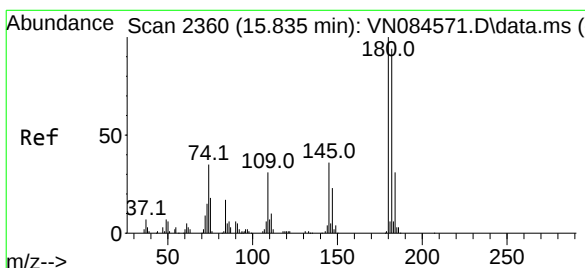
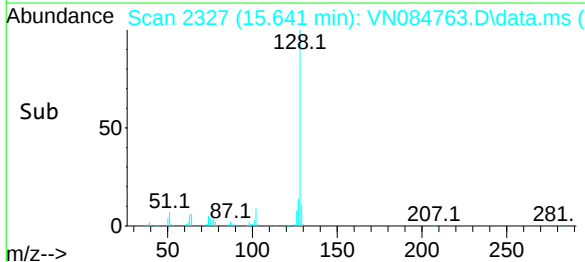
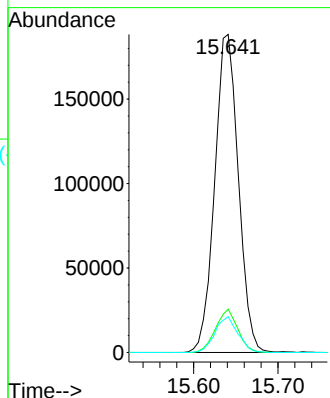
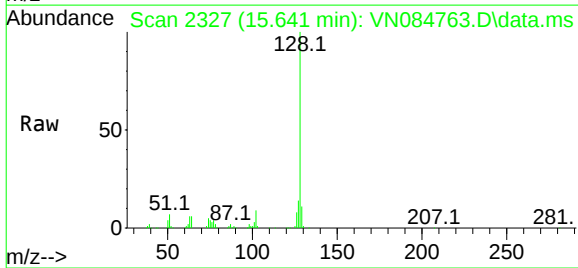
Tgt Ion:	128	Resp:	367171
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.9	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2024

Supervised By :Mahesh Dadoda 11/12/2024



#96

1,2,3-Trichlorobenzene

Concen: 47.044 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN084763.D

Acq: 11 Nov 2024 10:54

Tgt Ion:	180	Resp:	109885
Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.2	144.6
145	35.1	17.3	51.9

