

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111424\
 Data File : VN084842.D
 Acq On : 14 Nov 2024 09:54
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 15 00:41:10 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

Manual Integrations APPROVED

Reviewed By : John Carlone 11/15/2024
 Supervised By : Mahesh Dadoda 11/15/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	192160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	316615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	272995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	137639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	126211	45.474	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.940%		
35) Dibromofluoromethane	8.159	113	101367	47.299	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.600%		
50) Toluene-d8	10.559	98	376126	47.644	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.280%		
62) 4-Bromofluorobenzene	12.847	95	145405	49.283	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.560%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	110023	49.806	ug/l	94
3) Chloromethane	2.359	50	124740	48.024	ug/l	98
4) Vinyl Chloride	2.512	62	135249	56.924	ug/l	97
5) Bromomethane	2.901	94	66030	52.453	ug/l	98
6) Chloroethane	3.077	64	87756	59.946	ug/l	99
7) Trichlorofluoromethane	3.471	101	211513	54.042	ug/l	100
8) Diethyl Ether	3.953	74	73060	52.917	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.359	101	116230	52.556	ug/l	97
10) Methyl Iodide	4.577	142	162502	54.979	ug/l	95
11) Tert butyl alcohol	5.530	59	84361	230.274	ug/l #	86
12) 1,1-Dichloroethene	4.324	96	111145	50.791	ug/l	93
13) Acrolein	4.171	56	73935	202.388	ug/l	100
14) Allyl chloride	5.012	41	178964	50.428	ug/l	94
15) Acrylonitrile	5.712	53	261340	246.415	ug/l	100
16) Acetone	4.418	43	215664	269.221	ug/l	97
17) Carbon Disulfide	4.700	76	306540	45.487	ug/l	100
18) Methyl Acetate	5.012	43	131986	44.640	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	373118	55.629	ug/l	97
20) Methylene Chloride	5.265	84	125296	51.329	ug/l	88
21) trans-1,2-Dichloroethene	5.777	96	114964	51.163	ug/l	99
22) Diisopropyl ether	6.665	45	371226	52.644	ug/l	97
23) Vinyl Acetate	6.594	43	1294265	266.151	ug/l	98
24) 1,1-Dichloroethane	6.559	63	216681	51.181	ug/l	97
25) 2-Butanone	7.477	43	325094	251.070	ug/l	98
26) 2,2-Dichloropropane	7.483	77	205456	55.757	ug/l	100
27) cis-1,2-Dichloroethene	7.477	96	138333	52.724	ug/l	96
28) Bromochloromethane	7.806	49	84866	50.314	ug/l	92
29) Tetrahydrofuran	7.836	42	214340	249.519	ug/l	94
30) Chloroform	7.959	83	229955	53.365	ug/l	99
31) Cyclohexane	8.253	56	190733	49.777	ug/l	98
32) 1,1,1-Trichloroethane	8.159	97	211450	53.913	ug/l	97
36) 1,1-Dichloropropene	8.365	75	160171	53.889	ug/l	99
37) Ethyl Acetate	7.553	43	138233	51.261	ug/l	98
38) Carbon Tetrachloride	8.353	117	185450	55.822	ug/l	99
39) Methylcyclohexane	9.594	83	180001	59.530	ug/l	100
40) Benzene	8.600	78	505504	52.959	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	77958	53.758	ug/l	96
42) 1,2-Dichloroethane	8.665	62	167241	54.101	ug/l	99
43) Isopropyl Acetate	8.683	43	245198	49.202	ug/l	97
44) Trichloroethene	9.347	130	114187	51.871	ug/l	98
45) 1,2-Dichloropropane	9.618	63	122477	54.699	ug/l	100
46) Dibromomethane	9.706	93	83421	52.798	ug/l	96
47) Bromodichloromethane	9.882	83	179953	54.032	ug/l #	97
48) Methyl methacrylate	9.677	41	110608	52.702	ug/l	94
49) 1,4-Dioxane	9.694	88	37477	1007.687	ug/l #	79
51) 4-Methyl-2-Pentanone	10.441	43	681760	265.200	ug/l	98
52) Toluene	10.624	92	309874	55.508	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	179801	52.155	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	196989	53.988	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	111405	52.978	ug/l	96
56) Ethyl methacrylate	10.871	69	177050	58.208	ug/l	93
57) 1,3-Dichloropropane	11.159	76	194987	54.028	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	379841	266.872	ug/l	96
59) 2-Hexanone	11.194	43	519264	277.503	ug/l	98
60) Dibromochloromethane	11.359	129	132584	55.321	ug/l	99
61) 1,2-Dibromoethane	11.465	107	112189	52.099	ug/l	99
64) Tetrachloroethene	11.100	164	99428	54.755	ug/l	96
65) Chlorobenzene	11.888	112	322156	52.749	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	118016	55.554	ug/l	98
67) Ethyl Benzene	11.959	91	585138	57.397	ug/l	99
68) m/p-Xylenes	12.065	106	442292	114.597	ug/l	99
69) o-Xylene	12.394	106	213178	59.044	ug/l	99
70) Styrene	12.406	104	361633	57.418	ug/l	99
71) Bromoform	12.576	173	88615	55.436	ug/l #	98
73) Isopropylbenzene	12.694	105	544764	56.479	ug/l	100
74) N-amyl acetate	12.494	43	212669	51.804	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	157563	48.940	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	144130m	52.385	ug/l	
77) Bromobenzene	12.976	156	132037	50.921	ug/l	94
78) n-propylbenzene	13.029	91	633301	56.031	ug/l	98
79) 2-Chlorotoluene	13.123	91	400677	54.253	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	471775	59.014	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	56362m	48.599	ug/l	
82) 4-Chlorotoluene	13.218	91	406733	52.331	ug/l	99
83) tert-Butylbenzene	13.435	119	398057	60.164	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	485480	58.840	ug/l	97
85) sec-Butylbenzene	13.612	105	545871	58.408	ug/l	99
86) p-Isopropyltoluene	13.723	119	463441	60.464	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	246451	48.702	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	242929	52.440	ug/l	99
89) n-Butylbenzene	14.053	91	387742	54.080	ug/l	99
90) Hexachloroethane	14.329	117	85239	49.868	ug/l	94
91) 1,2-Dichlorobenzene	14.100	146	235611	48.453	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	29454	45.159	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	121209	45.540	ug/l	100
94) Hexachlorobutadiene	15.494	225	55113	47.152	ug/l	98
95) Naphthalene	15.635	128	371116	46.584	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	119258	46.158	ug/l	99

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VSTDCCC050

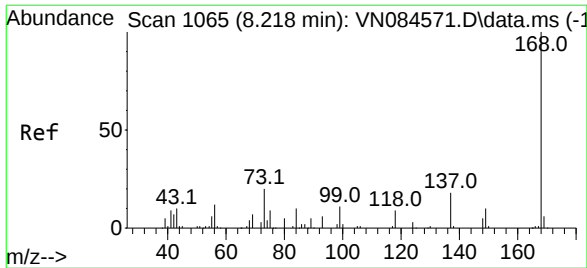
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/15/2024

Quant Time: Nov 15 00:41:10 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

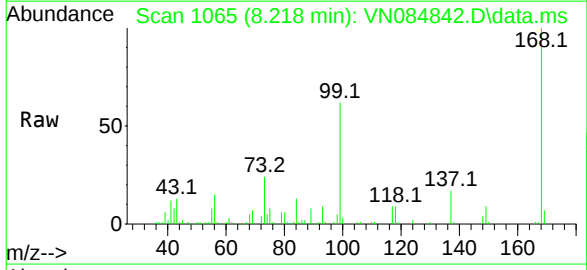
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084842.D
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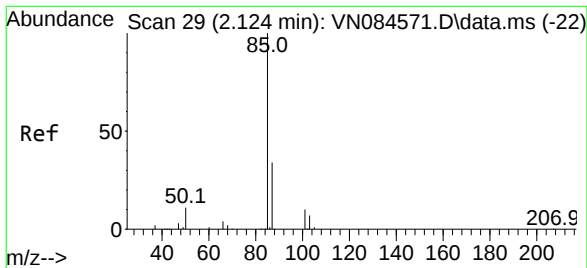
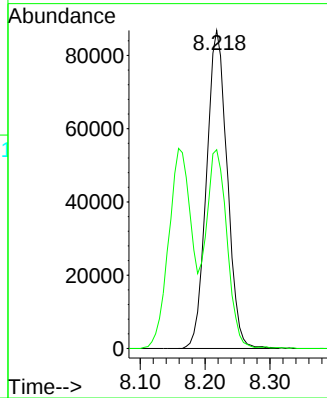
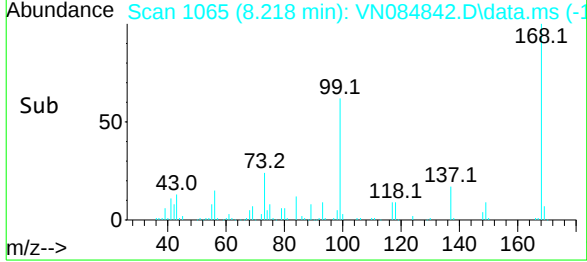
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 192160
Ion Ratio Lower Upper
168 100
99 62.2 54.2 81.2

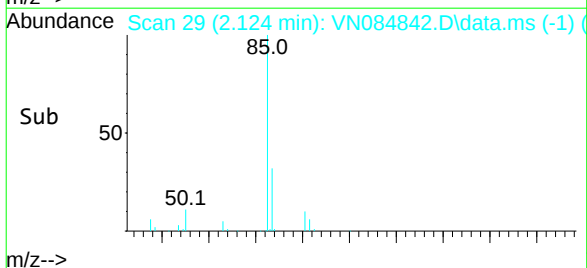
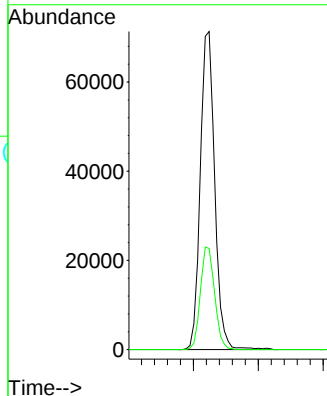
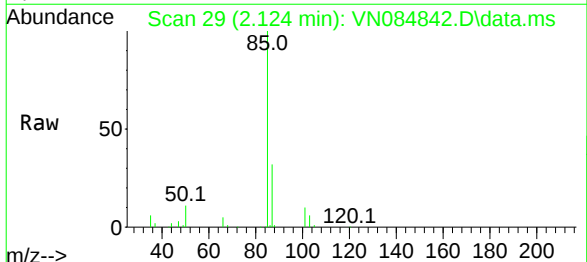
Manual Integrations
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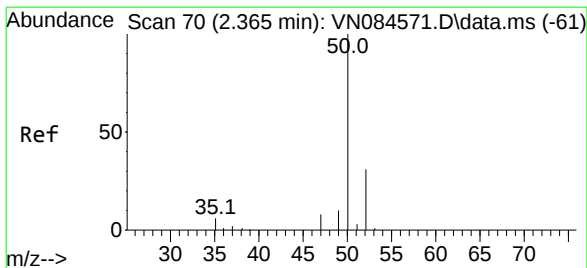
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#2
Dichlorodifluoromethane
Concen: 49.806 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Tgt Ion: 85 Resp: 110023
Ion Ratio Lower Upper
85 100
87 31.8 17.6 52.9





#3

Chloromethane

Concen: 48.024 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN084842.D

Acq: 14 Nov 2024 09:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 124740

Ion Ratio Lower Upper

50 100

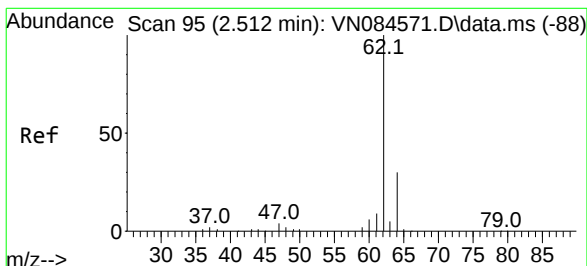
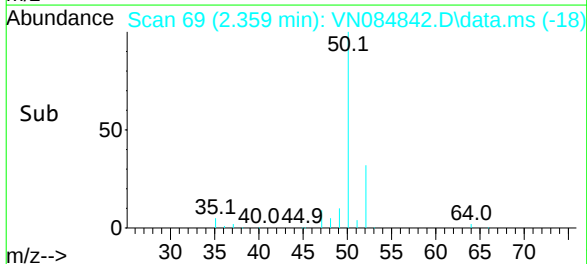
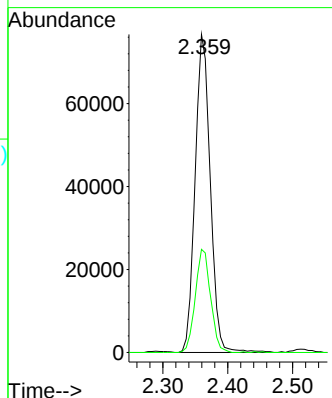
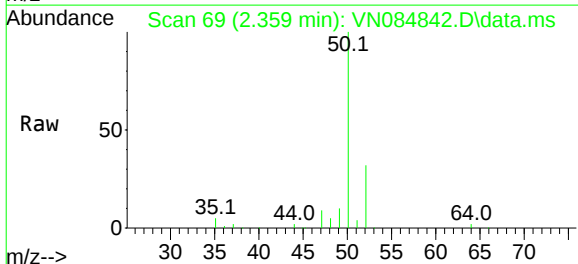
52 32.4 26.8 40.2

Manual Integrations

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Supervised By :Mahesh Dadoda 11/15/2024



#4

Vinyl Chloride

Concen: 56.924 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN084842.D

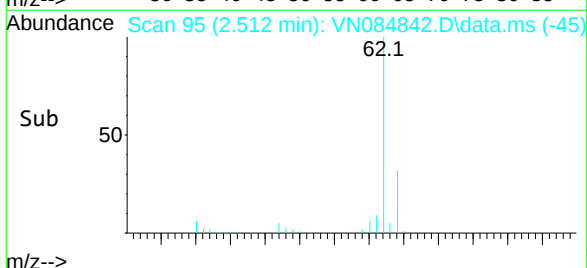
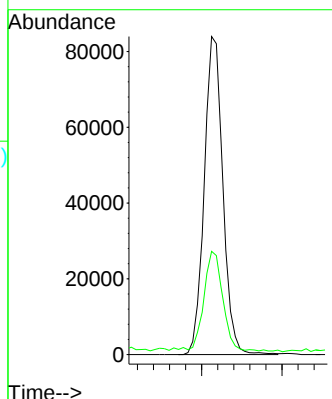
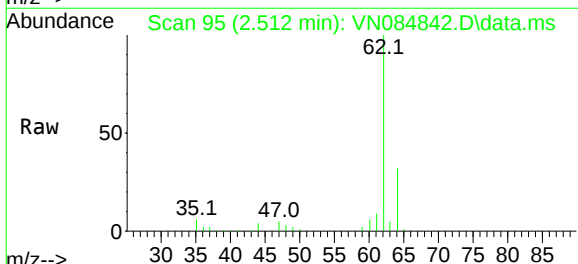
Acq: 14 Nov 2024 09:54

Tgt Ion: 62 Resp: 135249

Ion Ratio Lower Upper

62 100

64 31.1 26.2 39.4





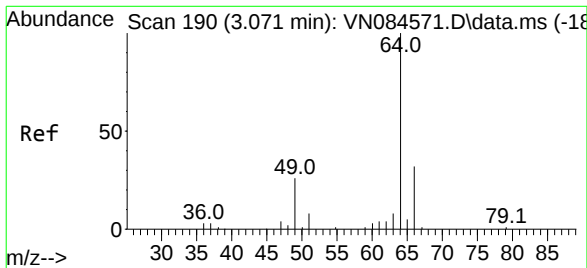
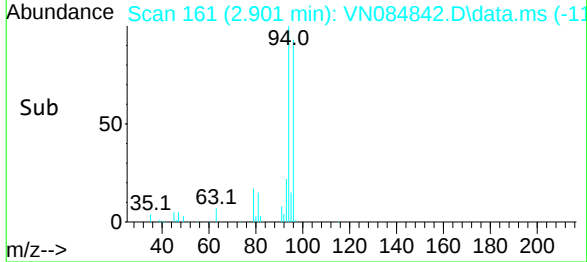
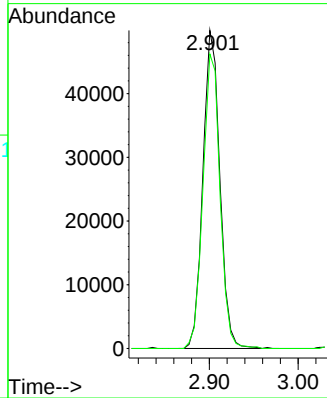
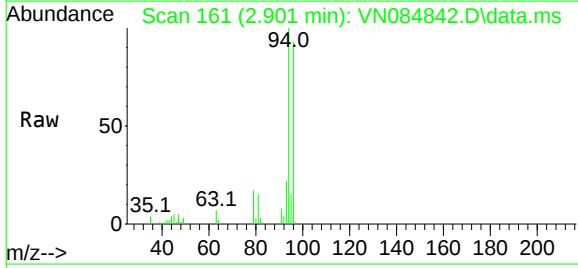
#5
Bromomethane
Concen: 52.453 ug/l
RT: 2.901 min Scan# 161
Delta R.T. -0.052 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 66030
Ion Ratio Lower Upper
94 100
96 92.6 72.9 109.3

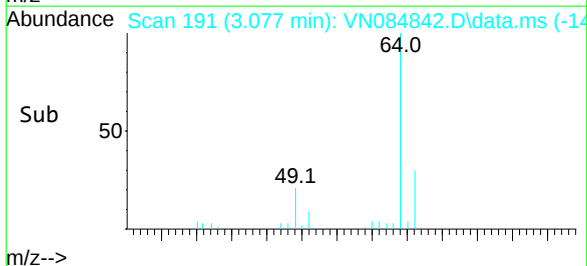
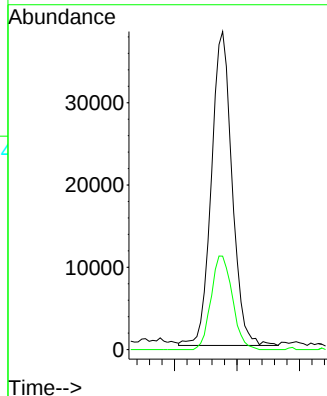
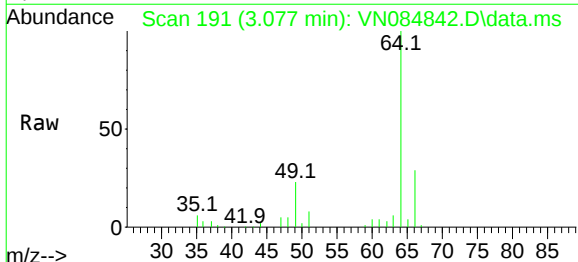
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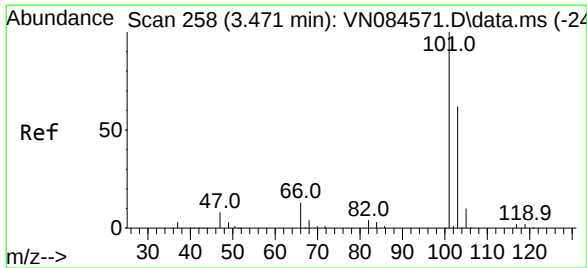
Reviewed By :John Carlone 11/15/2024
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#6
Chloroethane
Concen: 59.946 ug/l
RT: 3.077 min Scan# 191
Delta R.T. -0.041 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

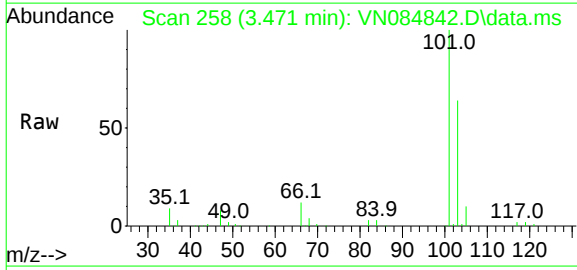
Tgt Ion: 64 Resp: 87756
Ion Ratio Lower Upper
64 100
66 29.8 23.5 35.3





Trichlorofluoromethane
 Concen: 54.042 ug/l
 RT: 3.471 min Scan# 258
 Delta R.T. -0.024 min
 Lab File: VN084842.D
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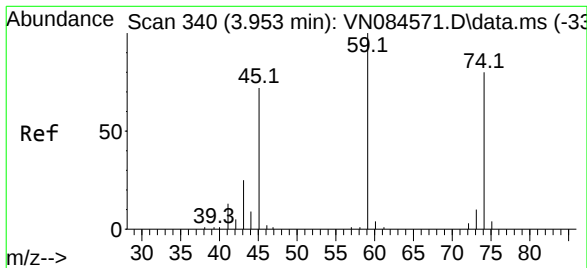
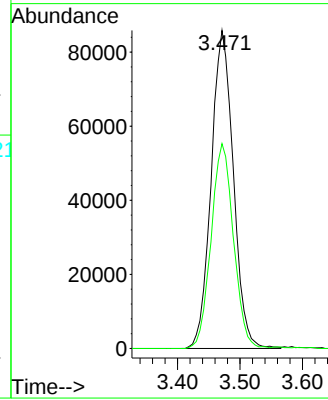
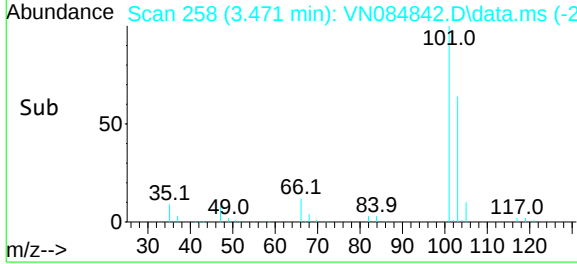
Instrument :
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 ClientSampleId :
 VSTDCCC050



Tgt Ion: 101 Resp: 211513
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.8 77.6

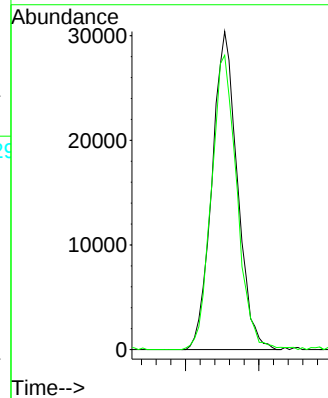
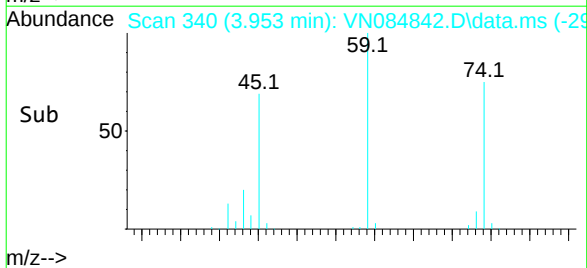
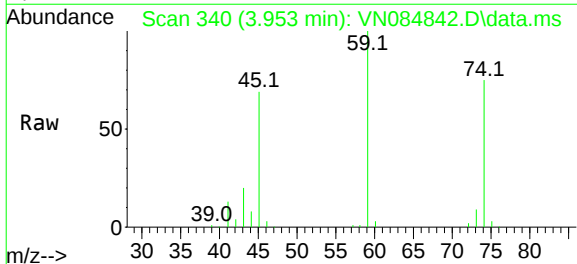
Manual Integrations
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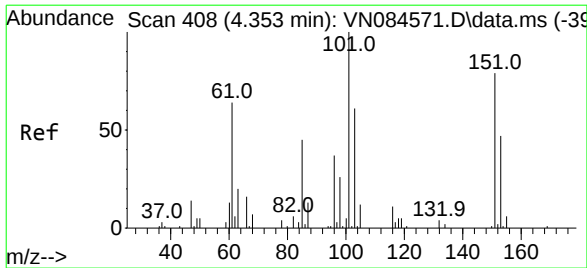
Reviewed By : John Carlone 11/15/2024
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Diethyl Ether
 Concen: 52.917 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN084842.D
 Acq: 14 Nov 2024 09:54

Tgt Ion: 74 Resp: 73060
 Ion Ratio Lower Upper
 74 100
 45 93.2 47.7 143.1





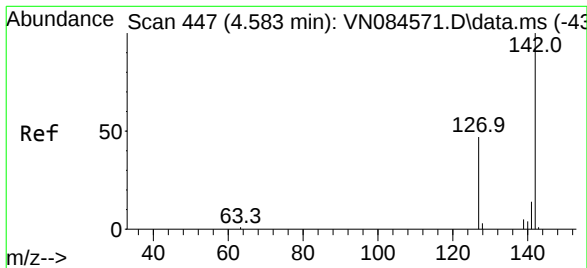
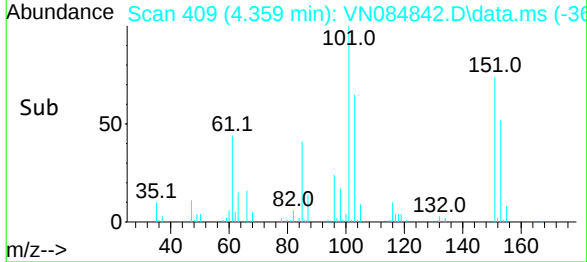
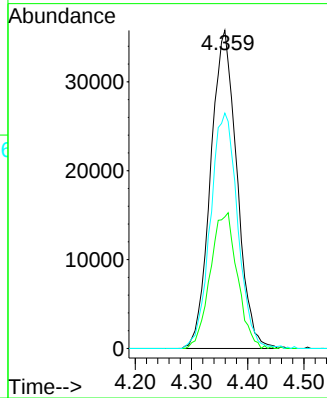
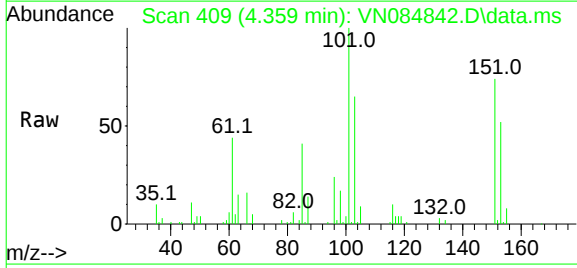
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.556 ug/l
RT: 4.359 min Scan# 408
Delta R.T. -0.012 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 116230
Ion Ratio Lower Upper
101 100
85 44.0 36.2 54.4
151 77.0 59.3 88.9

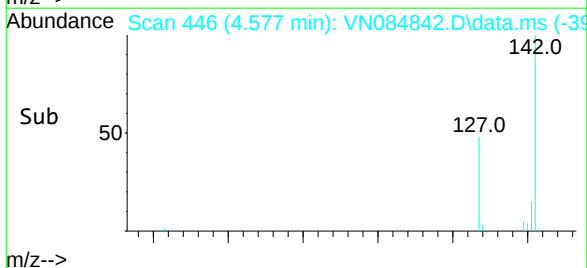
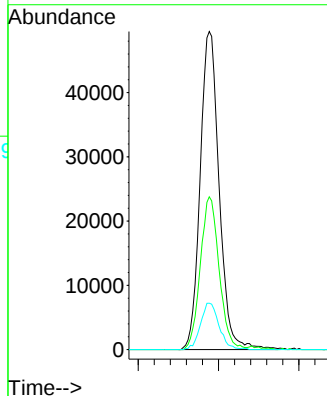
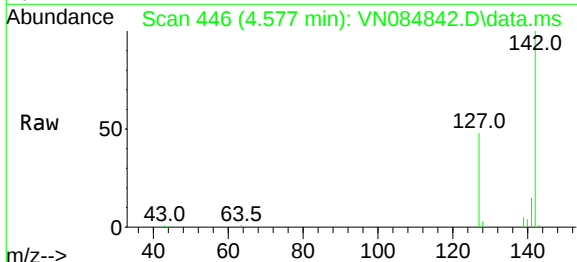
Manual Integrations
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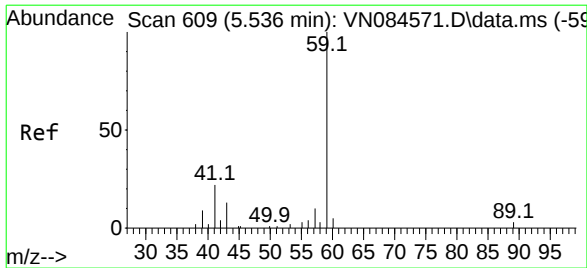
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#10
Methyl Iodide
Concen: 54.979 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.018 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Tgt Ion:142 Resp: 162502
Ion Ratio Lower Upper
142 100
127 48.0 35.3 52.9
141 14.6 11.0 16.6





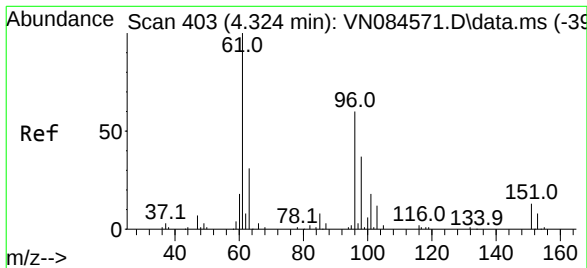
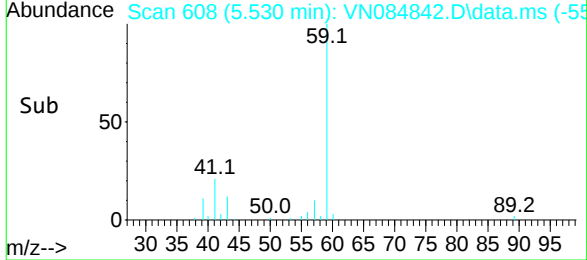
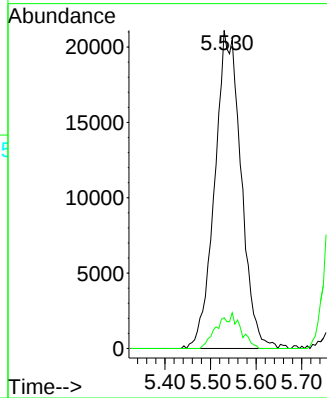
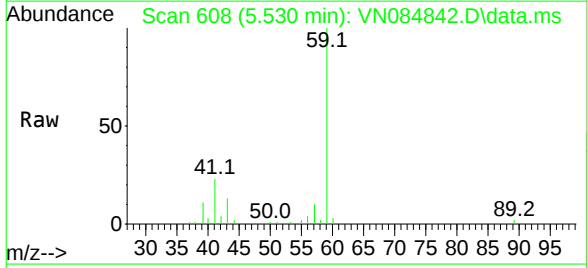
#11
Tert butyl alcohol
Concen: 230.274 ug/l
RT: 5.530 min Scan# 609
Delta R.T. 0.006 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 84361
Ion Ratio Lower Upper
59 100
57 4.9 8.2 12.2#

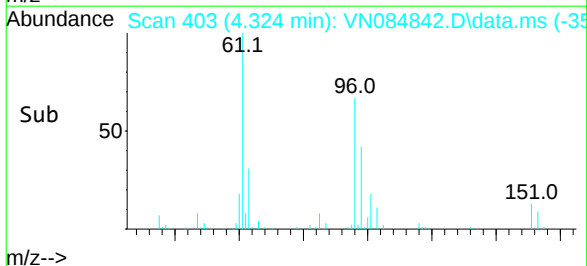
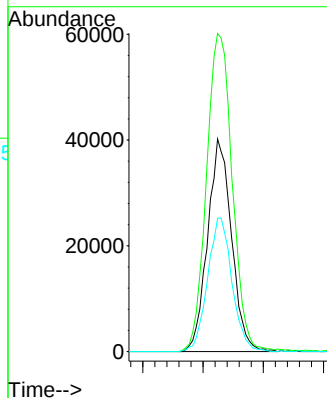
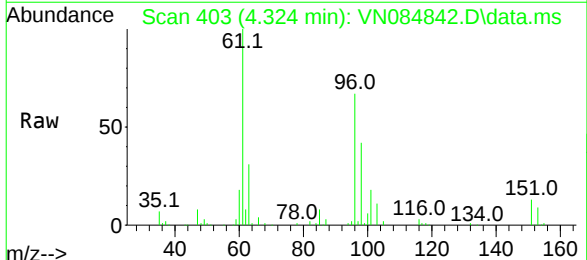
Manual Integrations
APPROVED

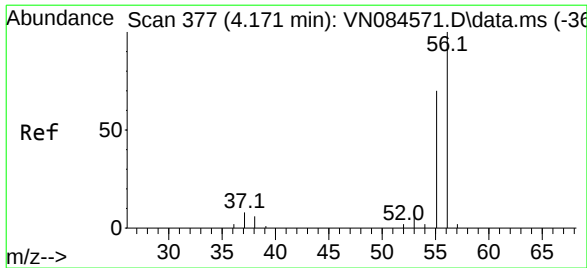
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#12
1,1-Dichloroethene
Concen: 50.791 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.018 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Tgt Ion: 96 Resp: 111145
Ion Ratio Lower Upper
96 100
61 149.6 128.6 192.8
98 62.7 51.7 77.5





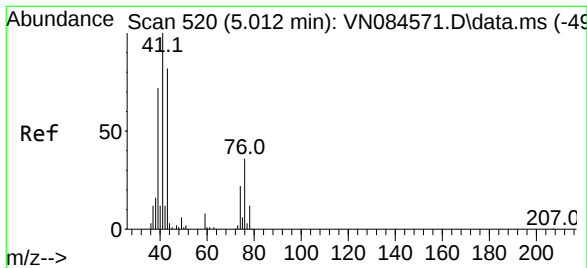
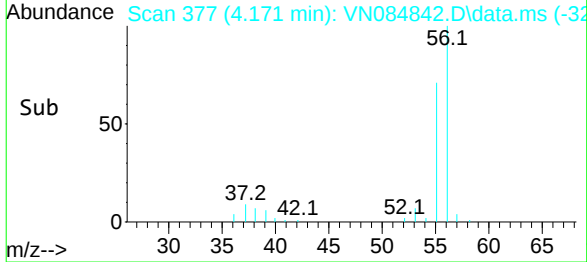
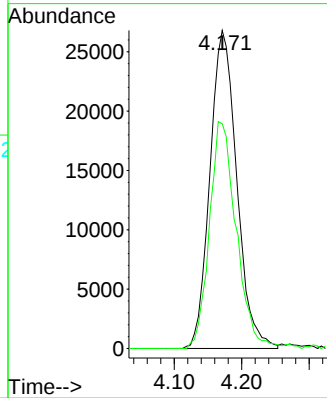
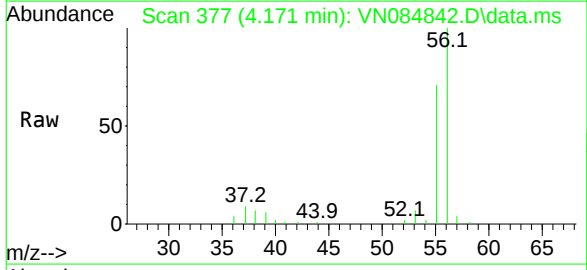
#13
Acrolein
Concen: 202.388 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 73935
Ion Ratio Lower Upper
56 100
55 71.1 57.2 85.8

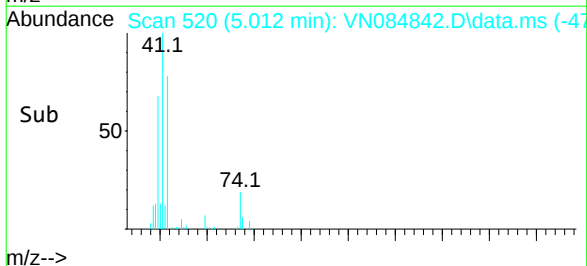
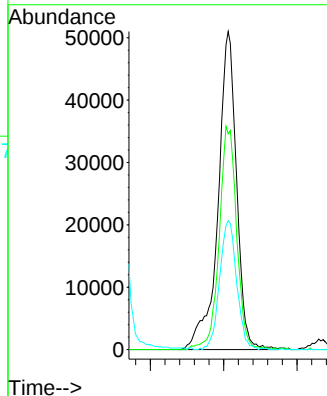
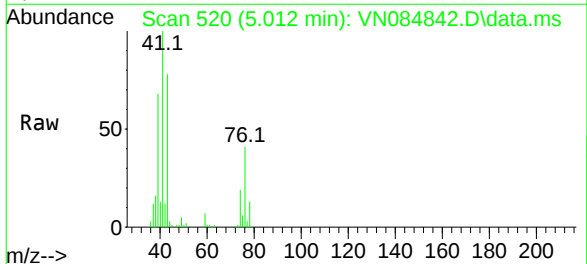
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#14
Allyl chloride
Concen: 50.428 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.012 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

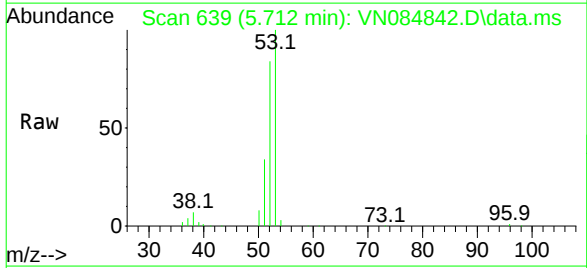
Tgt Ion: 41 Resp: 178964
Ion Ratio Lower Upper
41 100
39 65.9 59.0 88.6
76 37.1 29.8 44.6





#15
Acrylonitrile
Concen: 246.415 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

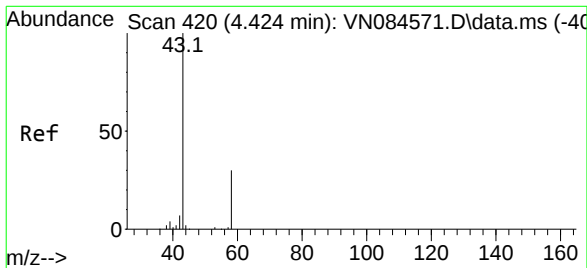
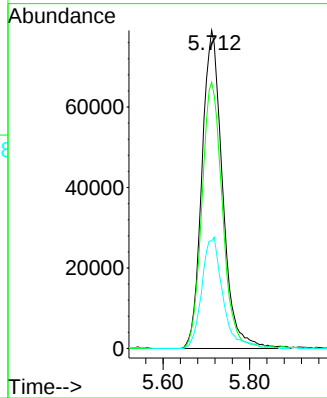
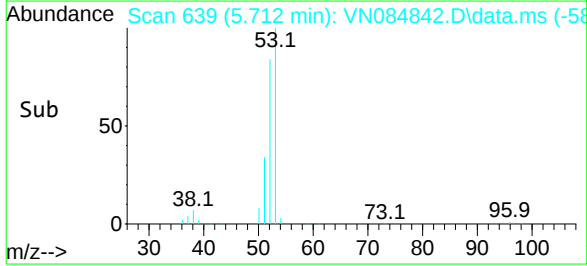
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



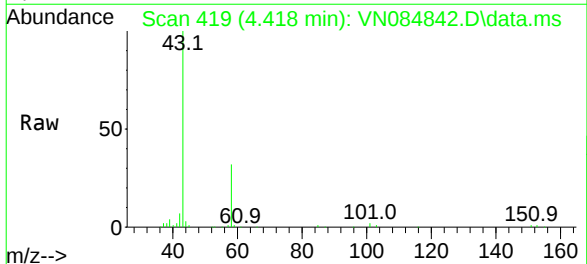
Tgt Ion: 53 Resp: 261340
Ion Ratio Lower Upper
53 100
52 83.1 66.2 99.4
51 35.6 28.8 43.2

Manual Integrations
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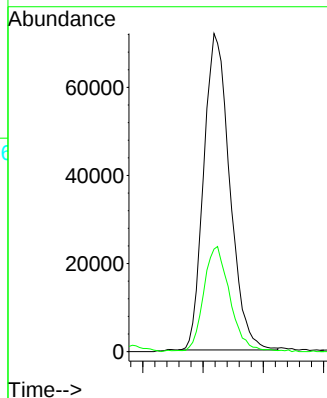
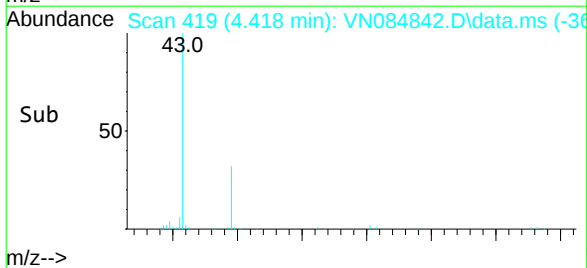
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024

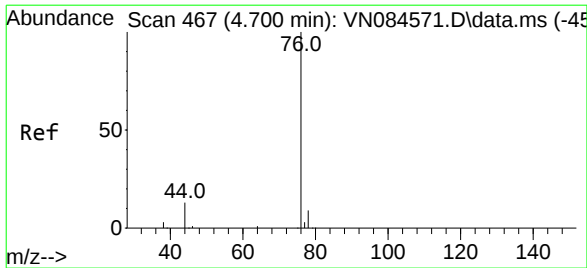


#16
Acetone
Concen: 269.221 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54



Tgt Ion: 43 Resp: 215664
Ion Ratio Lower Upper
43 100
58 32.1 24.4 36.6





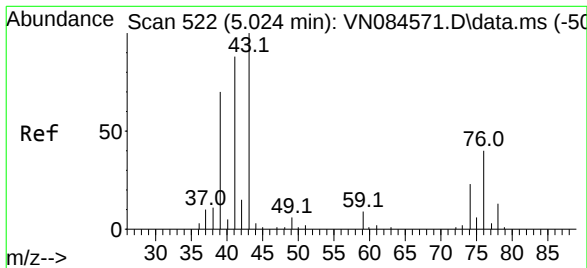
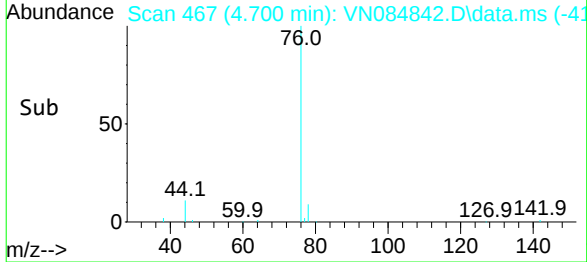
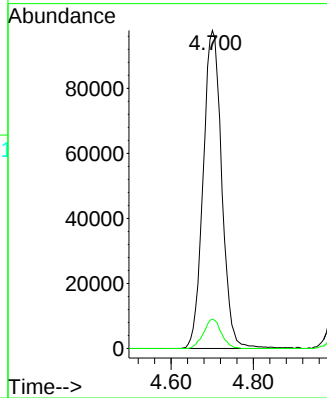
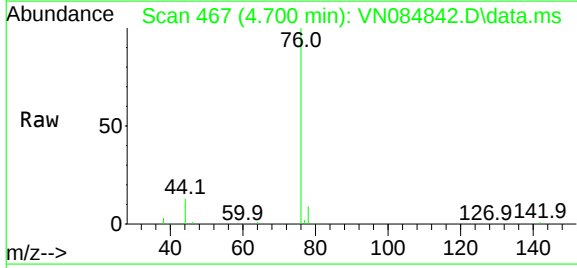
#17
Carbon Disulfide
Concen: 45.487 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.012 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 306540
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

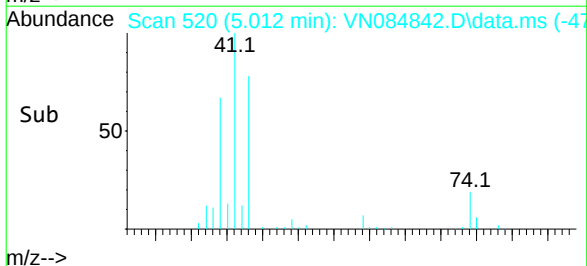
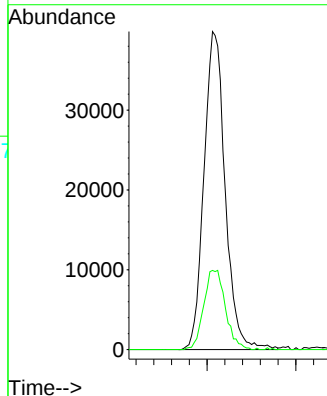
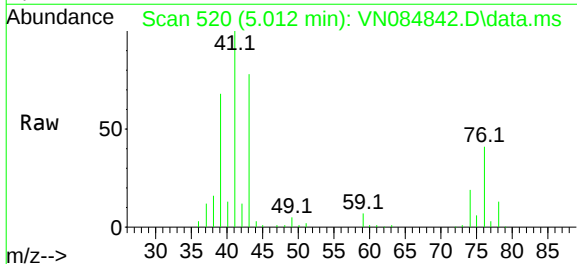
Manual Integrations
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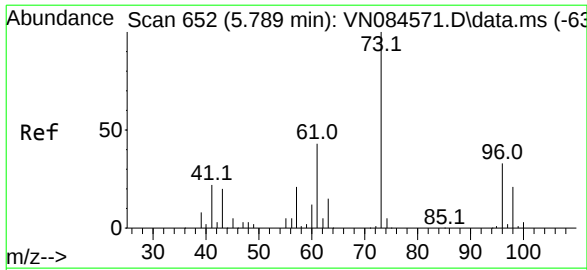
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#18
Methyl Acetate
Concen: 44.640 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Tgt Ion: 43 Resp: 131986
Ion Ratio Lower Upper
43 100
74 25.5 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 55.629 ug/l

RT: 5.789 min Scan# 65

Delta R.T. -0.006 min

Lab File: VN084842.D

Acq: 14 Nov 2024 09:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 373118

Ion Ratio Lower Upper

73 100

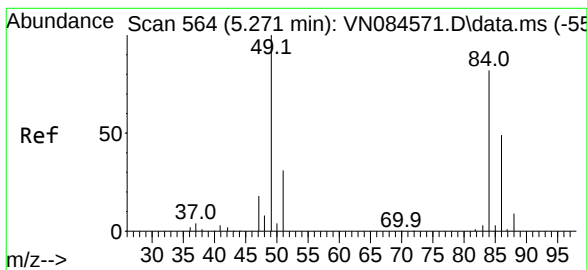
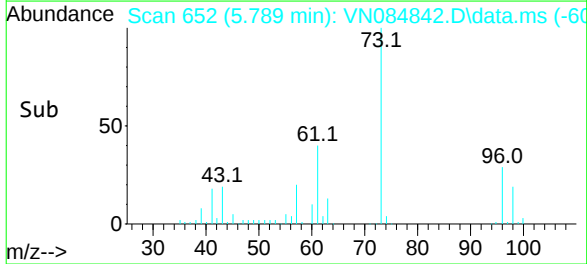
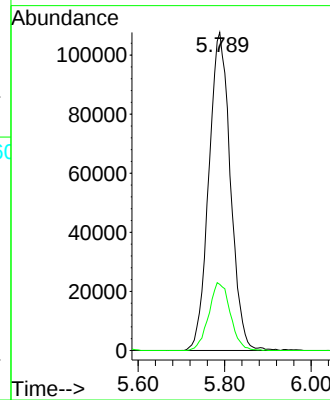
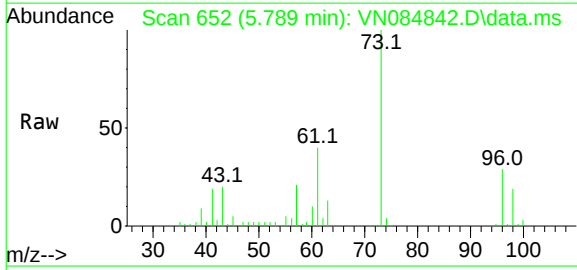
57 20.8 17.7 26.5

Manual Integrations

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Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#20

Methylene Chloride

Concen: 51.329 ug/l

RT: 5.265 min Scan# 563

Delta R.T. -0.012 min

Lab File: VN084842.D

Acq: 14 Nov 2024 09:54

Tgt Ion: 84 Resp: 125296

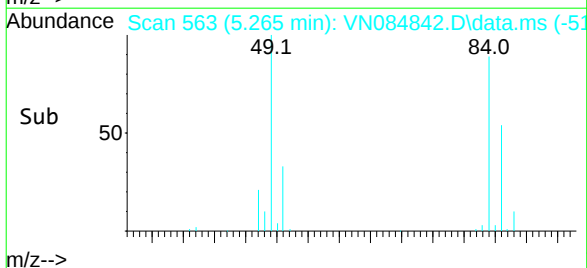
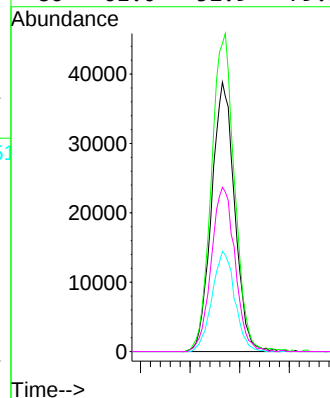
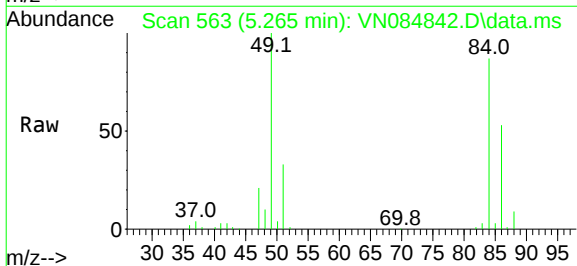
Ion Ratio Lower Upper

84 100

49 114.3 107.2 160.8

51 37.2 31.8 47.8

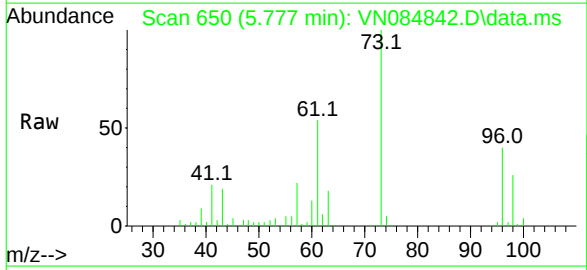
86 61.0 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 51.163 ug/l
RT: 5.777 min Scan# 650
Delta R.T. -0.012 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

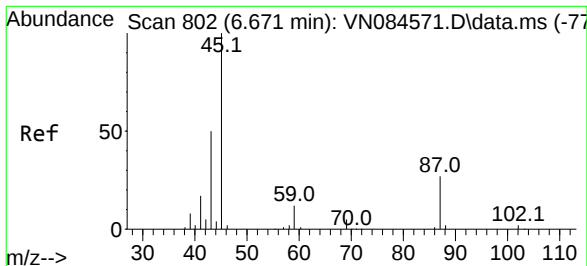
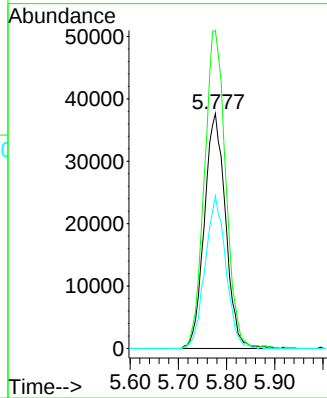
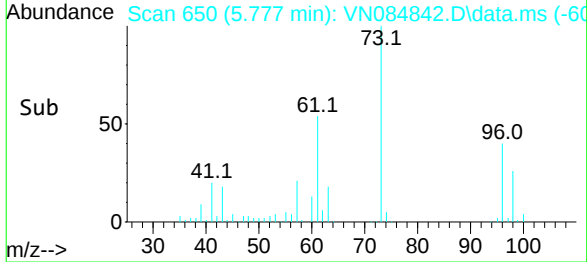
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



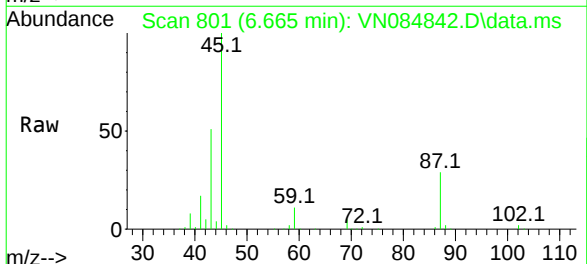
Tgt Ion: 96 Resp: 114964
Ion Ratio Lower Upper
96 100
61 135.4 108.4 162.6
98 65.0 49.8 74.8

Manual Integrations
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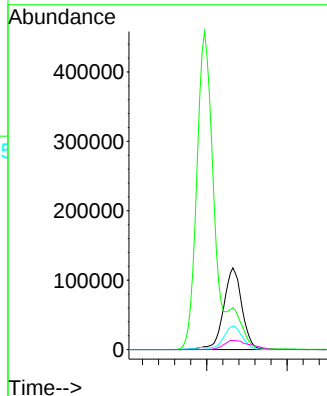
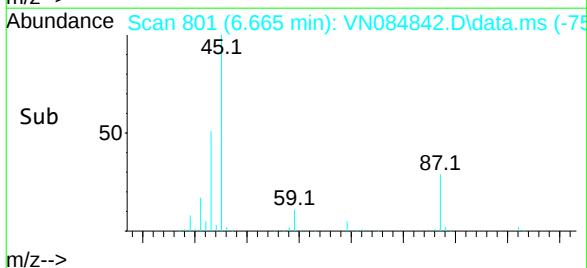
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#22
Diisopropyl ether
Concen: 52.644 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54



Tgt Ion: 45 Resp: 371226
Ion Ratio Lower Upper
45 100
43 50.6 42.3 63.5
87 28.7 21.8 32.6
59 11.0 9.6 14.4





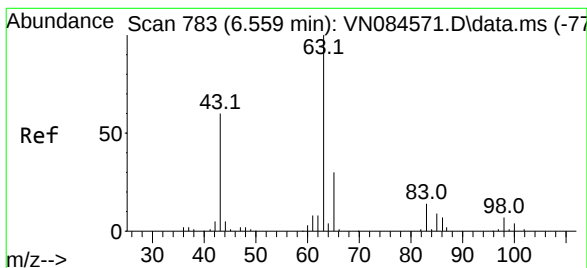
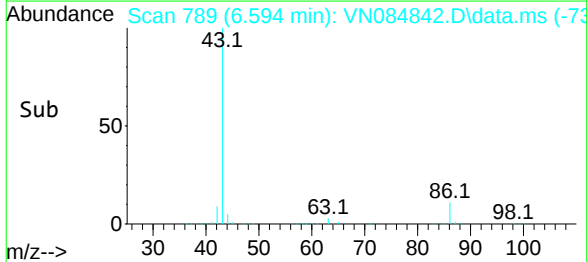
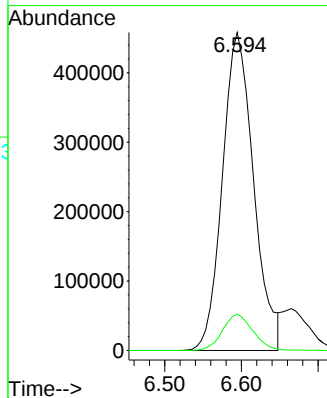
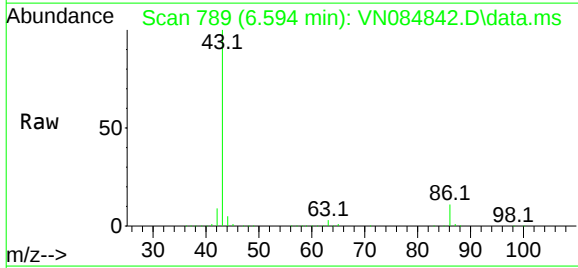
#23
 Vinyl Acetate
 Concen: 266.151 ug/l
 RT: 6.594 min Scan# 783
 Delta R.T. -0.006 min
 Lab File: VN084842.D
 Acq: 14 Nov 2024 09:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1294265
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.6 12.8

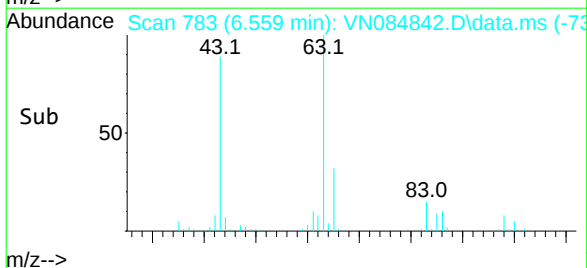
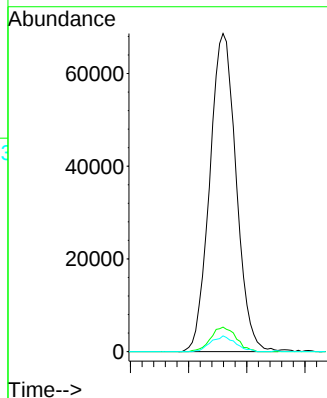
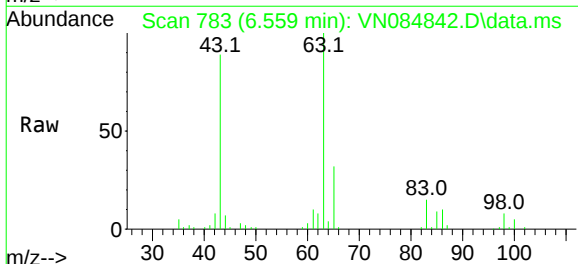
Manual Integrations
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Reviewed By :John Carlone 11/15/2024
 Supervised By :Mahesh Dadoda 11/15/2024



#24
 1,1-Dichloroethane
 Concen: 51.181 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.012 min
 Lab File: VN084842.D
 Acq: 14 Nov 2024 09:54

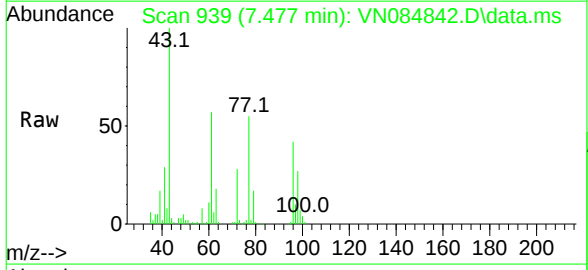
Tgt Ion: 63 Resp: 216681
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.4 10.2
 100 4.9 2.0 5.8





#25
2-Butanone
Concen: 251.070 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

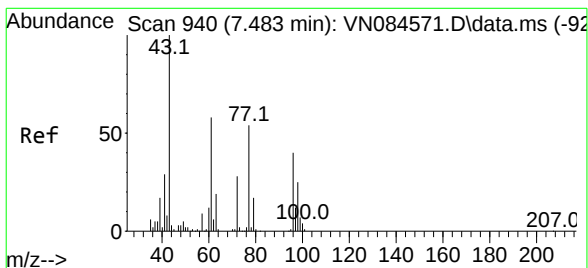
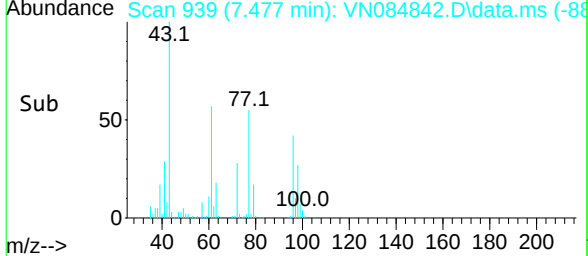
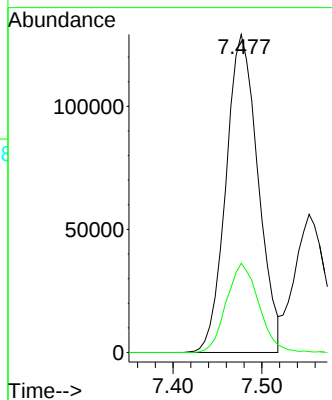
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 325094
Ion Ratio Lower Upper
43 100
72 28.1 21.4 32.2

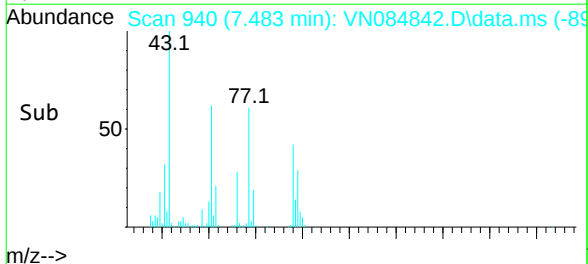
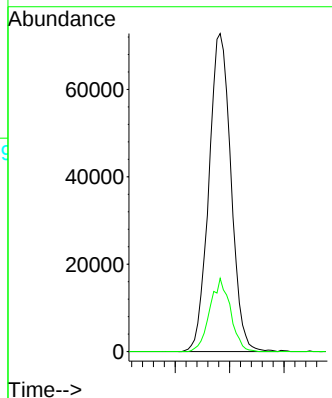
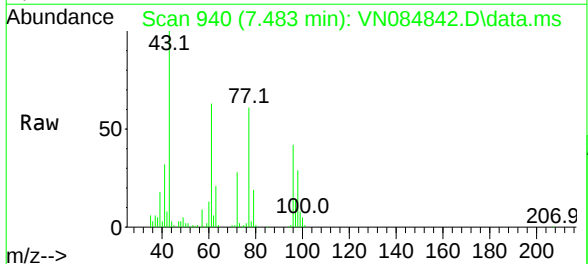
Manual Integrations
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Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#26
2,2-Dichloropropane
Concen: 55.757 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

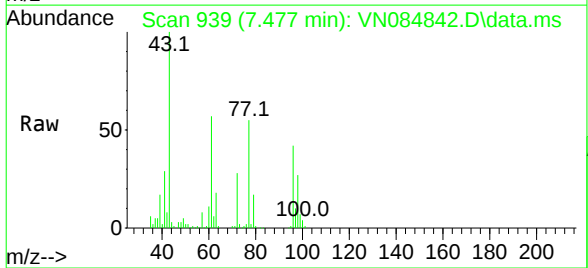
Tgt Ion: 77 Resp: 205456
Ion Ratio Lower Upper
77 100
97 21.5 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 52.724 ug/l
 RT: 7.477 min Scan# 93
 Delta R.T. -0.012 min
 Lab File: VN084842.D
 Acq: 14 Nov 2024 09:54

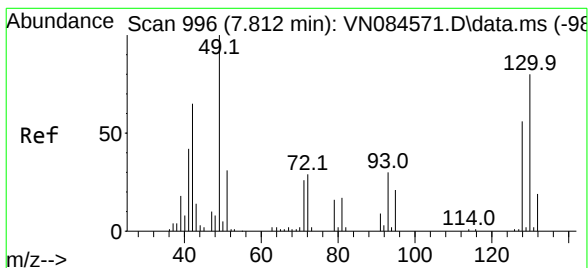
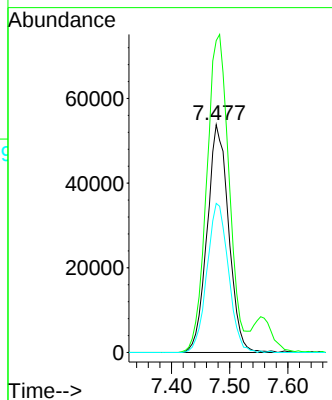
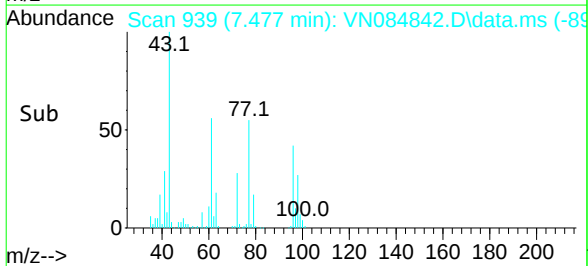
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 138333
 Ion Ratio Lower Upper
 96 100
 61 145.3 0.0 301.8
 98 65.4 0.0 128.2

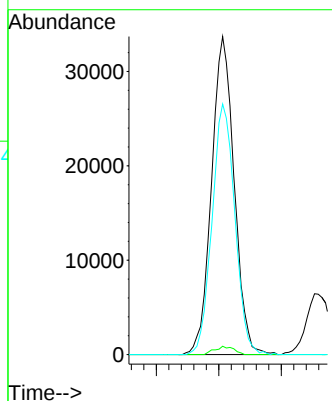
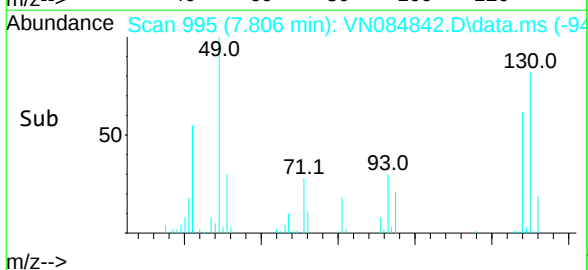
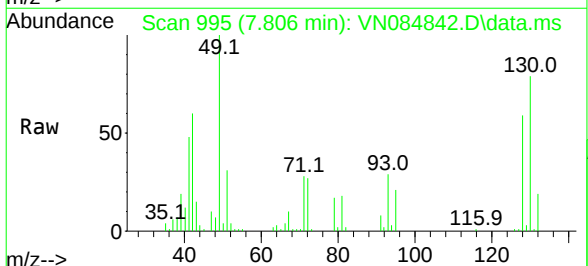
Manual Integrations
 APPROVED

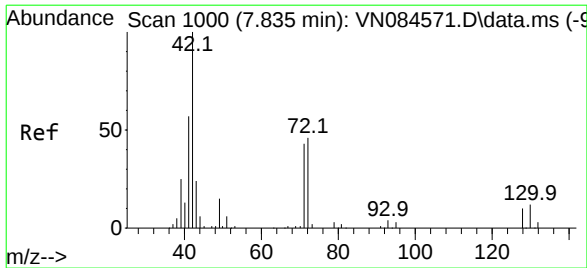
Reviewed By :John Carlone 11/15/2024
 Supervised By :Mahesh Dadoda 11/15/2024



#28
 Bromochloromethane
 Concen: 50.314 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN084842.D
 Acq: 14 Nov 2024 09:54

Tgt Ion: 49 Resp: 84866
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.6
 130 79.3 58.0 87.0





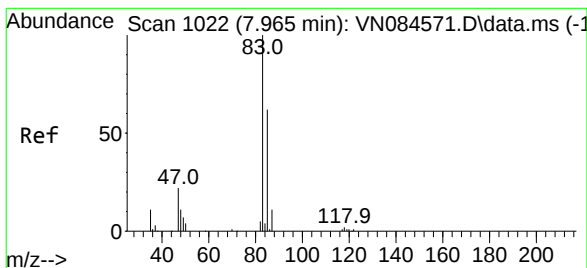
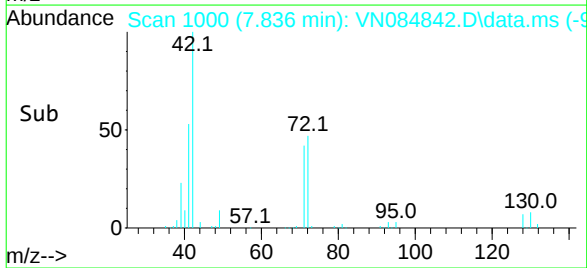
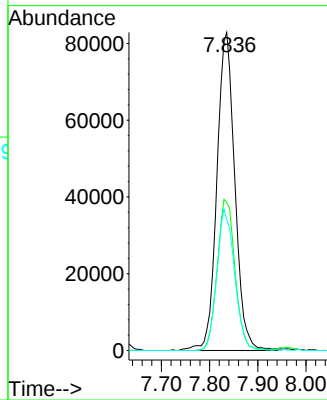
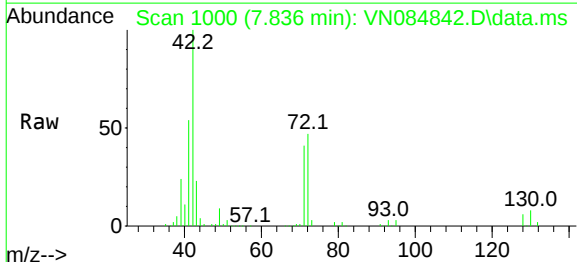
#29
Tetrahydrofuran
Concen: 249.519 ug/l
RT: 7.836 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 214340
Ion Ratio Lower Upper
42 100
72 47.4 34.6 51.8
71 43.7 32.2 48.4

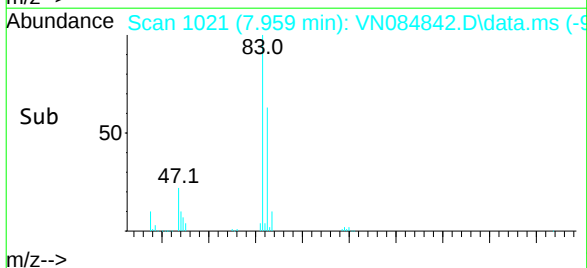
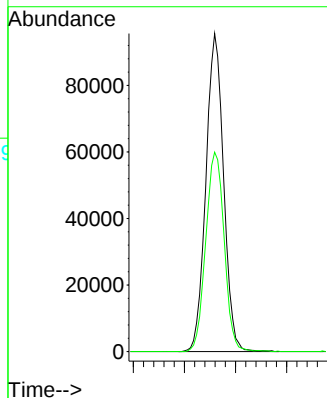
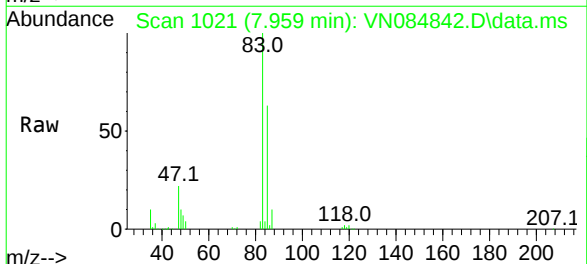
Manual Integrations
APPROVED

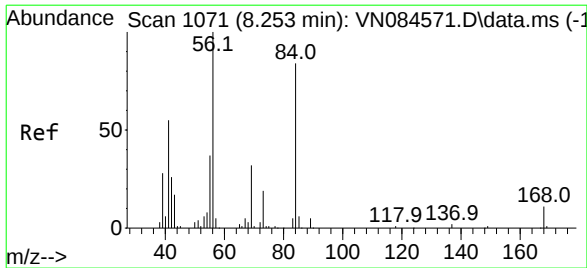
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#30
Chloroform
Concen: 53.365 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

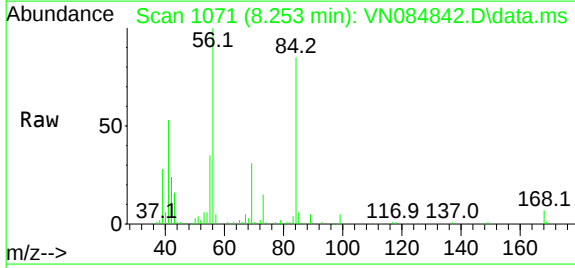
Tgt Ion: 83 Resp: 229955
Ion Ratio Lower Upper
83 100
85 62.7 51.0 76.4





#31
Cyclohexane
Concen: 49.777 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

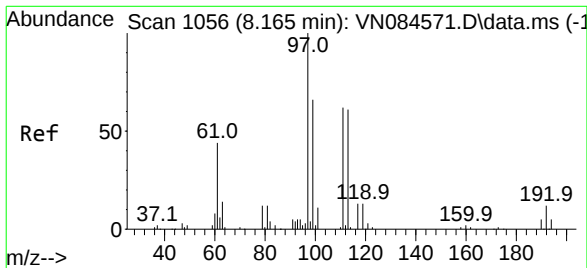
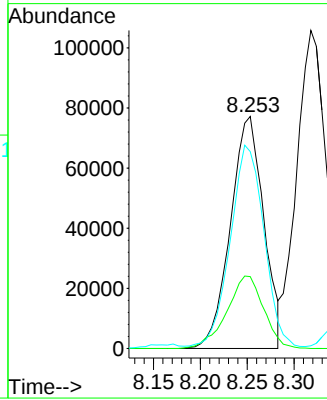
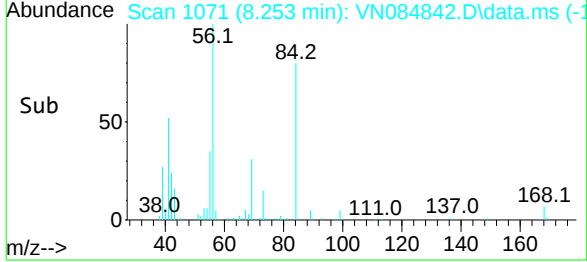
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



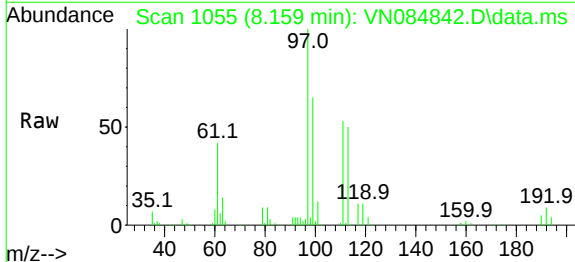
Tgt Ion: 56 Resp: 190733
Ion Ratio Lower Upper
56 100
69 31.0 23.8 35.6
84 83.8 68.8 103.2

Manual Integrations
APPROVED

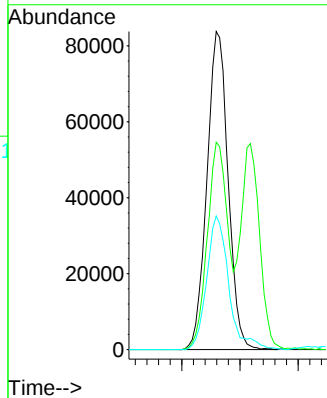
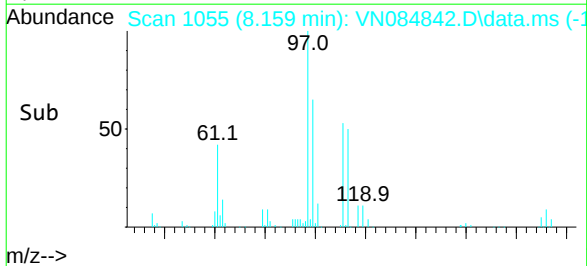
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024

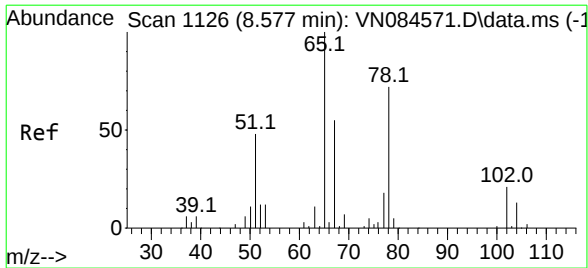


#32
1,1,1-Trichloroethane
Concen: 53.913 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54



Tgt Ion: 97 Resp: 211450
Ion Ratio Lower Upper
97 100
99 63.1 51.2 76.8
61 43.9 37.5 56.3





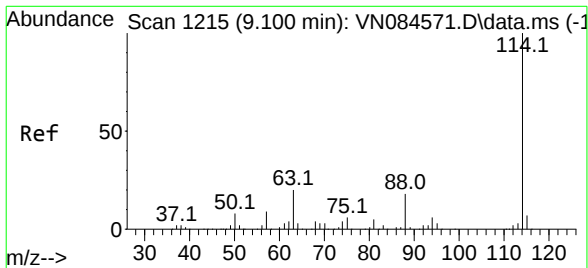
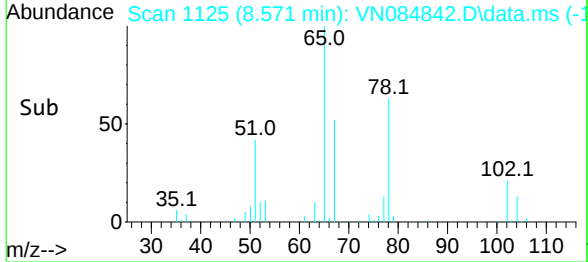
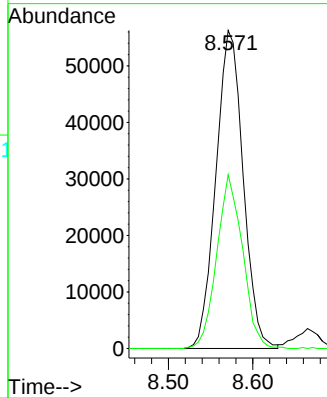
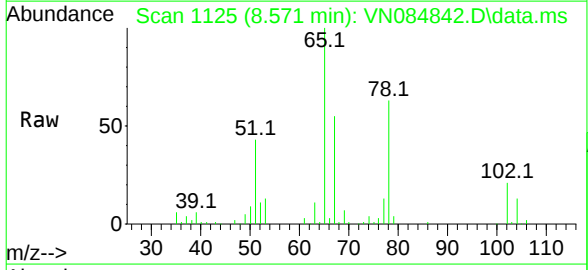
1,2-Dichloroethane-d4
Concen: 45.474 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 126211
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.0

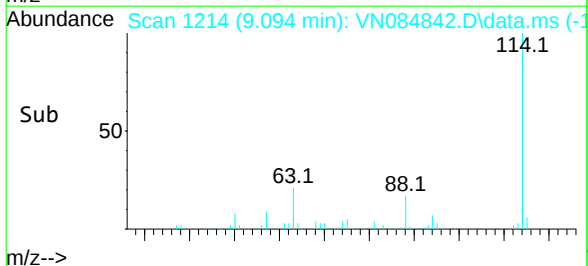
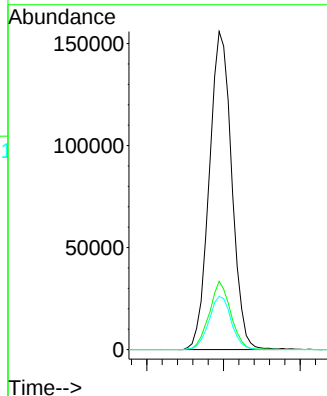
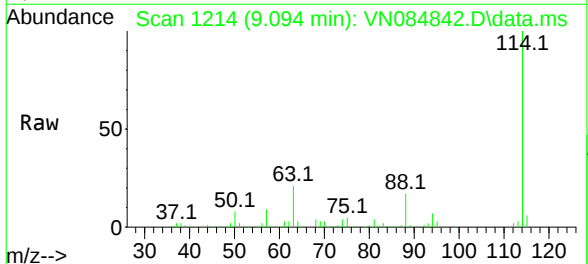
Manual Integrations
APPROVED

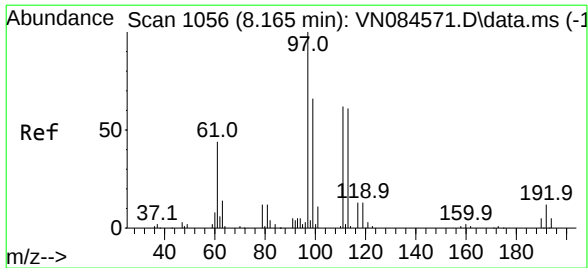
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

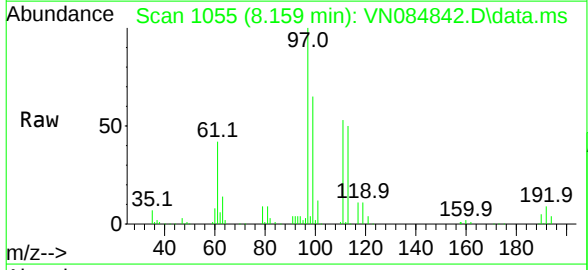
Tgt Ion:114 Resp: 316615
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.8
88 16.7 0.0 31.6





#35
 Dibromofluoromethane
 Concen: 47.299 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VN084842.D
 Acq: 14 Nov 2024 09:54

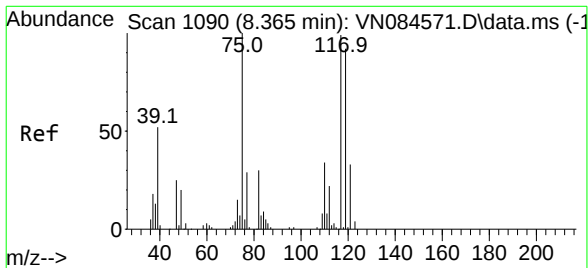
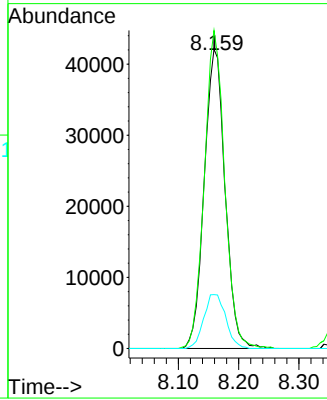
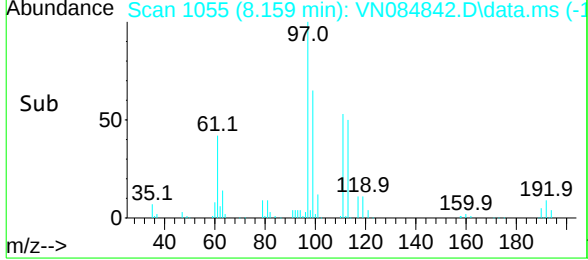
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:	113	Resp:	101367
Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.3	124.9
192	19.0	13.5	20.3

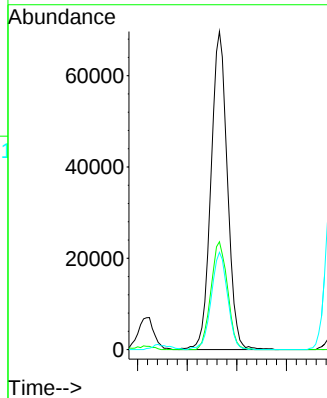
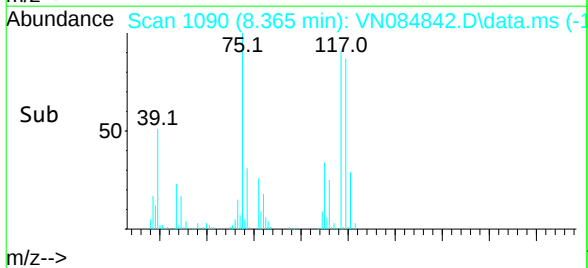
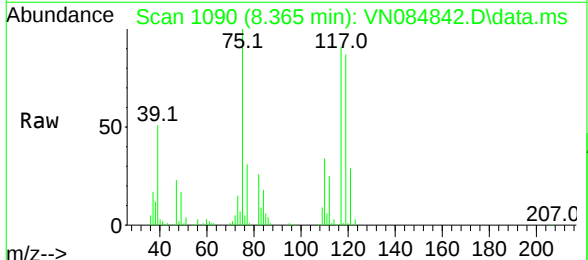
Manual Integrations
 APPROVED

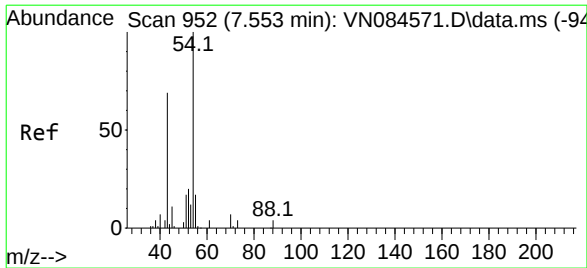
Reviewed By :John Carlone 11/15/2024
 Supervised By :Mahesh Dadoda 11/15/2024



#36
 1,1-Dichloropropene
 Concen: 53.889 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: VN084842.D
 Acq: 14 Nov 2024 09:54

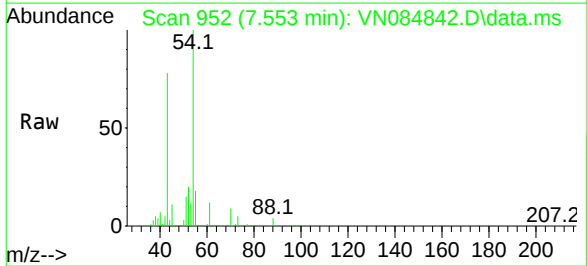
Tgt Ion:	75	Resp:	160171
Ion	Ratio	Lower	Upper
75	100		
110	34.2	16.9	50.7
77	30.4	24.7	37.1





#37
Ethyl Acetate
Concen: 51.261 ug/l
RT: 7.553 min Scan# 952
Delta R.T. -0.006 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

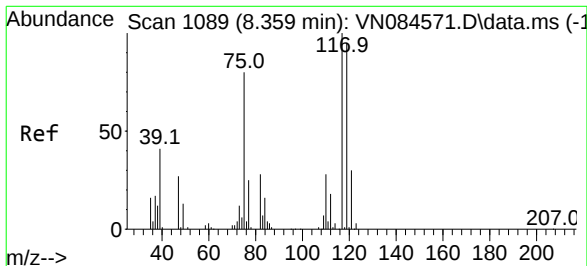
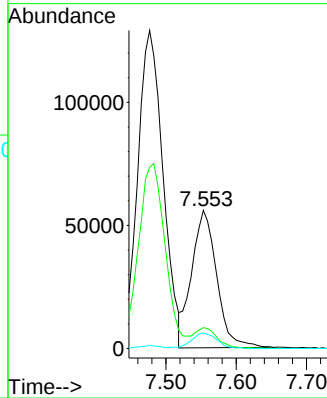
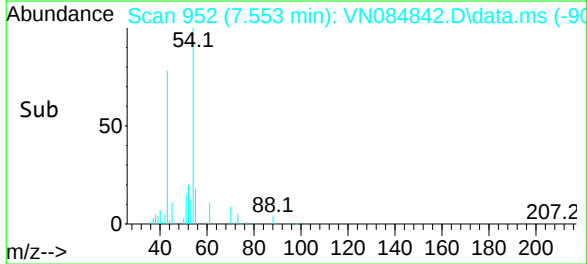
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



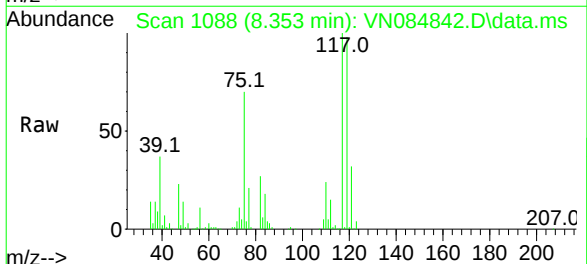
Tgt Ion: 43 Resp: 138233
Ion Ratio Lower Upper
43 100
61 14.6 10.7 16.1
70 11.4 8.8 13.2

Manual Integrations
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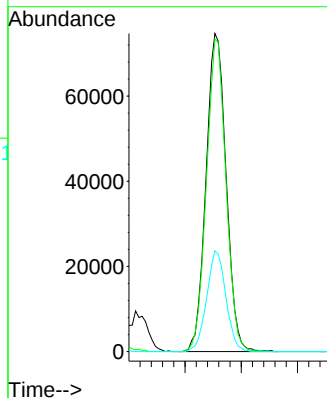
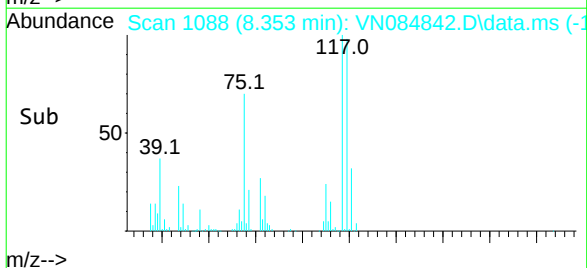
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024

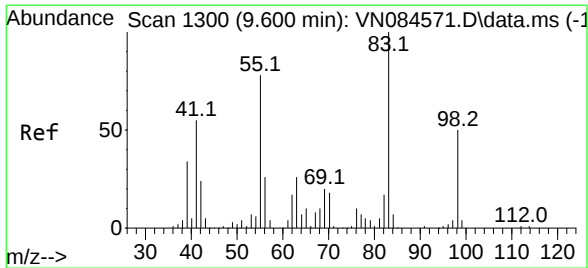


#38
Carbon Tetrachloride
Concen: 55.822 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54



Tgt Ion:117 Resp: 185450
Ion Ratio Lower Upper
117 100
119 98.2 78.7 118.1
121 31.7 24.4 36.6





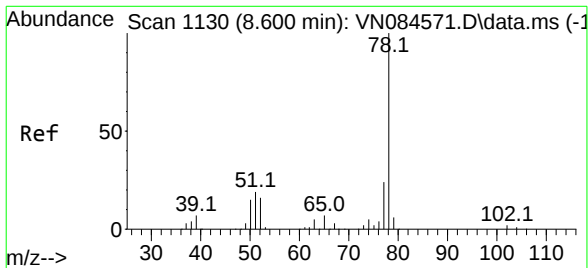
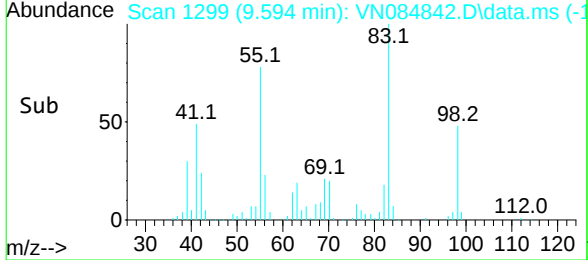
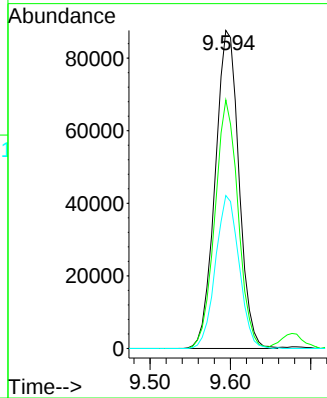
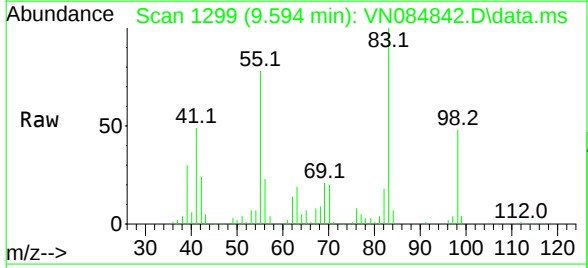
#39
Methylcyclohexane
Concen: 59.530 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 180001
Ion Ratio Lower Upper
83 100
55 78.1 62.8 94.2
98 48.1 38.8 58.2

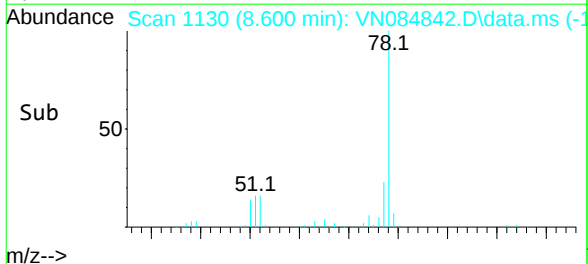
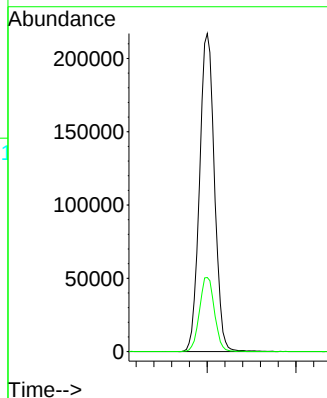
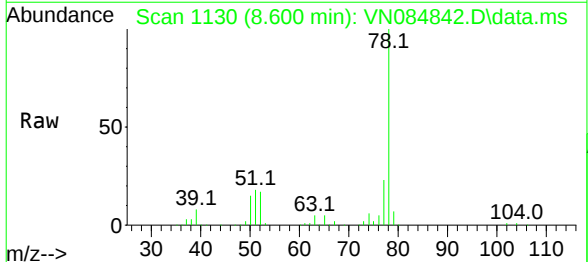
Manual Integrations
APPROVED

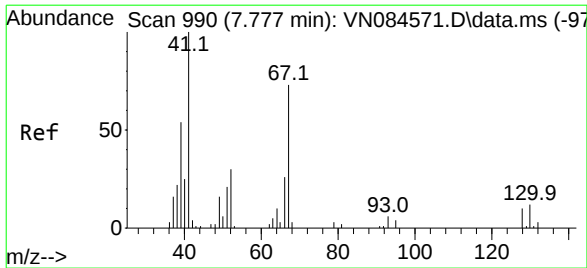
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#40
Benzene
Concen: 52.959 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Tgt Ion: 78 Resp: 505504
Ion Ratio Lower Upper
78 100
77 23.3 19.1 28.7





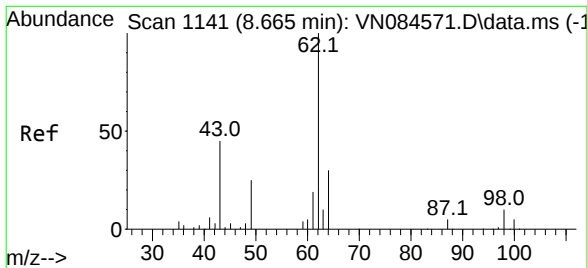
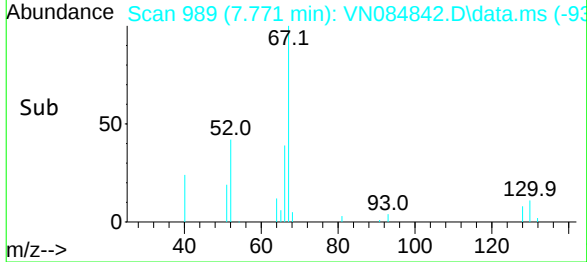
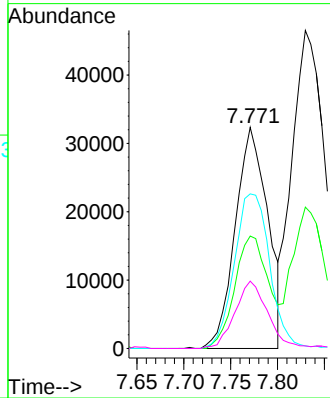
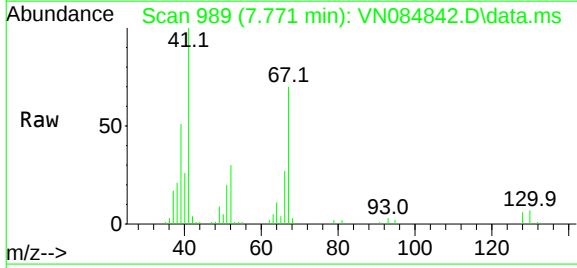
#41
Methacrylonitrile
Concen: 53.758 ug/l
RT: 7.771 min Scan# 98
Delta R.T. -0.006 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41	Resp: 77958
Ion Ratio	Lower Upper
41 100	
39 52.6	43.3 64.9
67 76.7	56.1 84.1
52 30.7	24.5 36.7

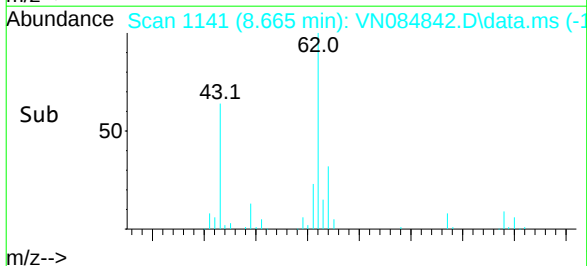
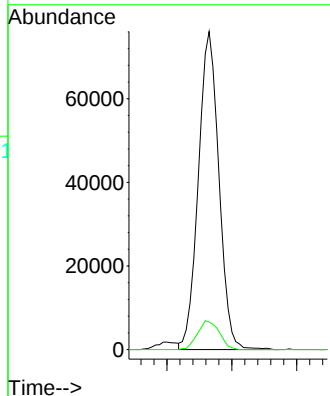
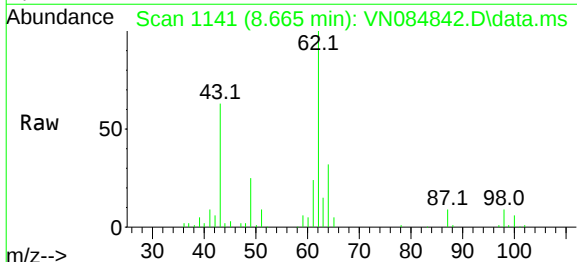
Manual Integrations
APPROVED

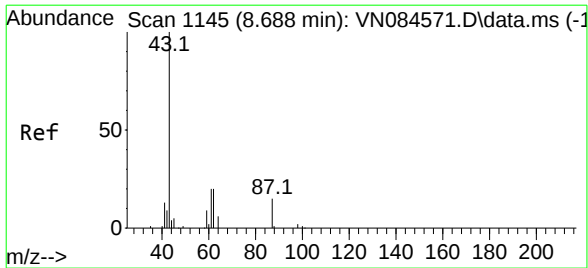
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#42
1,2-Dichloroethane
Concen: 54.101 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Tgt Ion: 62	Resp: 167241
Ion Ratio	Lower Upper
62 100	
98 9.6	0.0 18.2





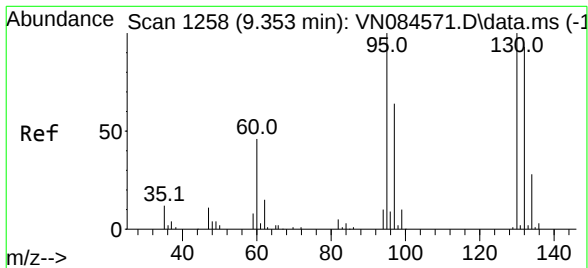
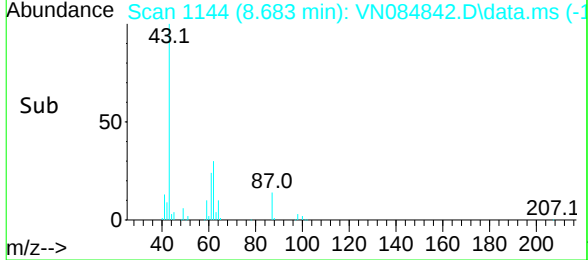
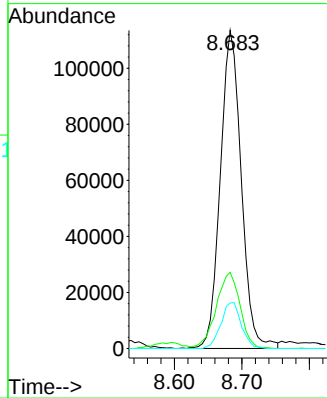
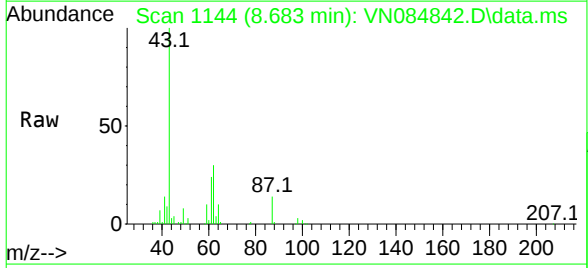
#43
Isopropyl Acetate
Concen: 49.202 ug/l
RT: 8.683 min Scan# 1145
Delta R.T. -0.005 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 245198
Ion Ratio Lower Upper
43 100
61 27.2 20.4 30.6
87 14.0 10.3 15.5

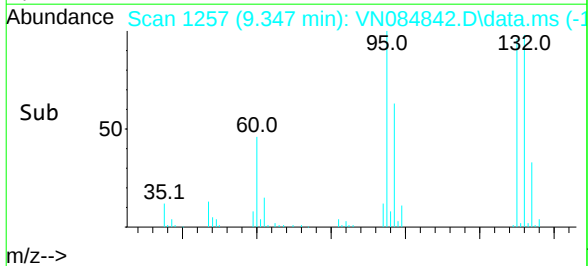
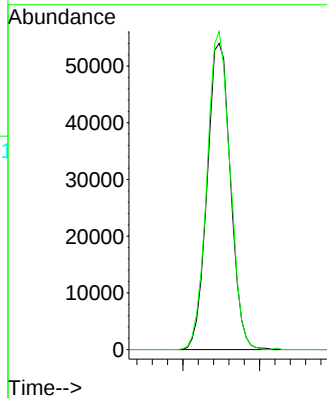
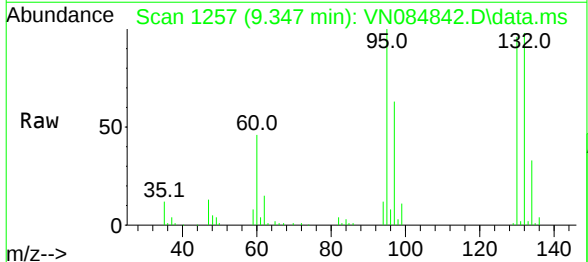
Manual Integrations
APPROVED

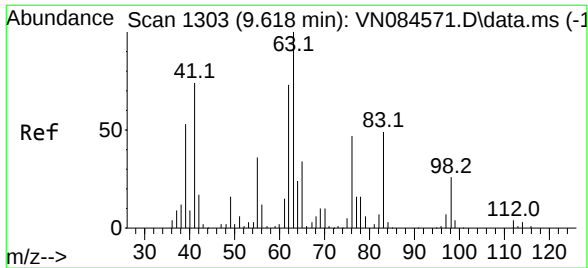
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#44
Trichloroethene
Concen: 51.871 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Tgt Ion:130 Resp: 114187
Ion Ratio Lower Upper
130 100
95 103.9 0.0 203.0





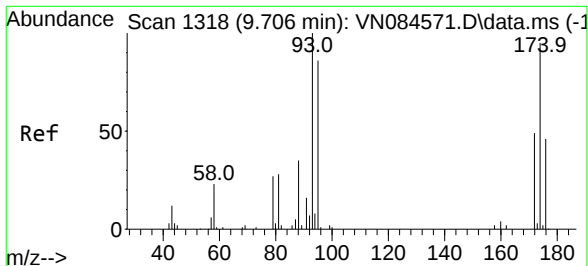
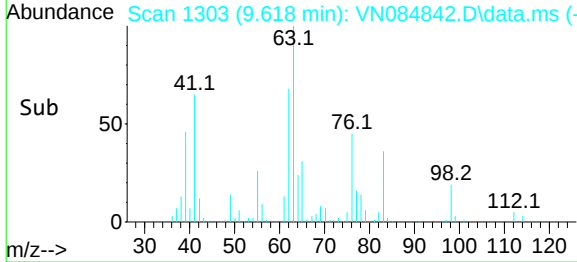
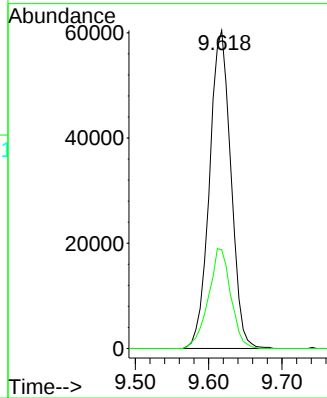
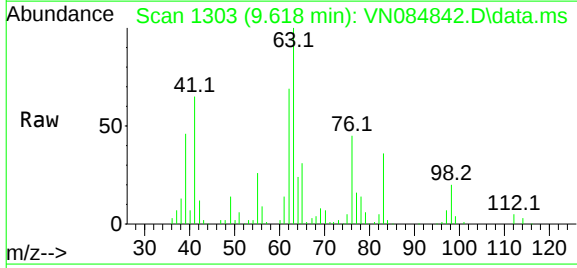
#45
1,2-Dichloropropane
Concen: 54.699 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 122477
Ion Ratio Lower Upper
63 100
65 31.0 24.6 37.0

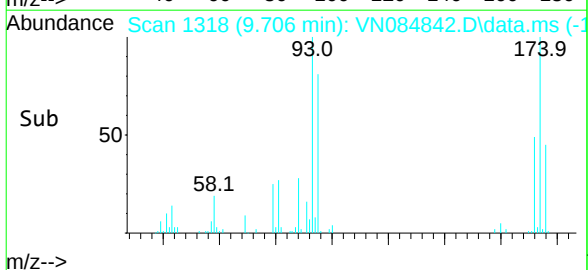
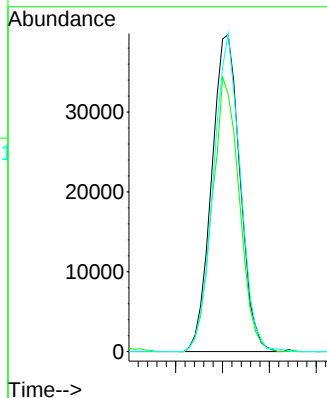
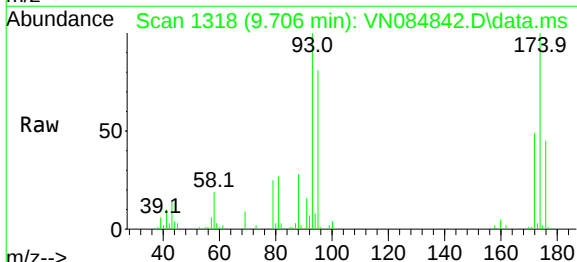
Manual Integrations
APPROVED

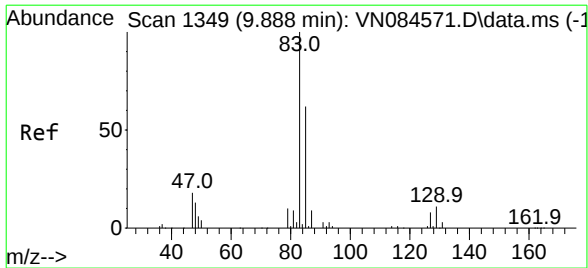
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#46
Dibromomethane
Concen: 52.798 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Tgt Ion: 93 Resp: 83421
Ion Ratio Lower Upper
93 100
95 82.7 65.0 97.4
174 95.0 71.8 107.8





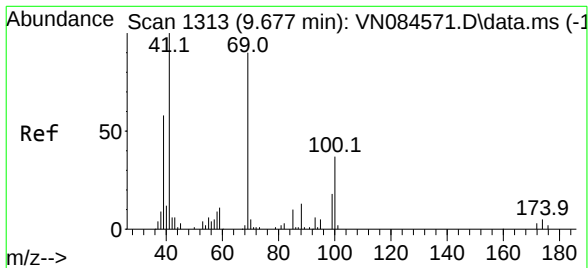
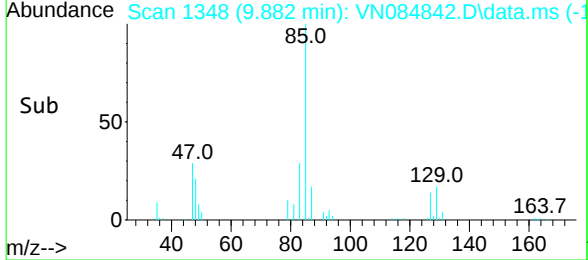
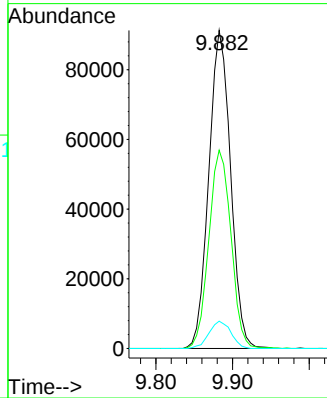
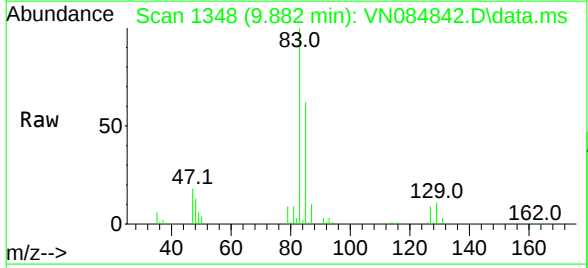
#47
Bromodichloromethane
Concen: 54.032 ug/l
RT: 9.882 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 179953
Ion Ratio Lower Upper
83 100
85 62.3 51.5 77.3
127 8.6 5.7 8.5#

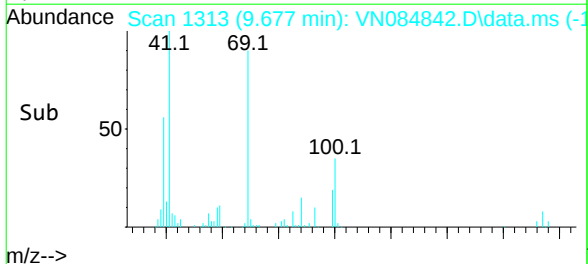
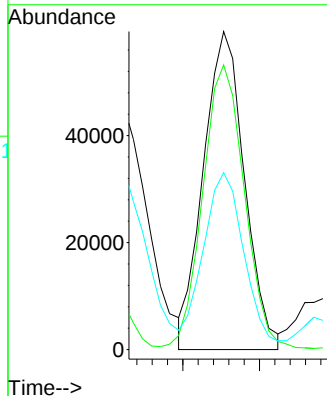
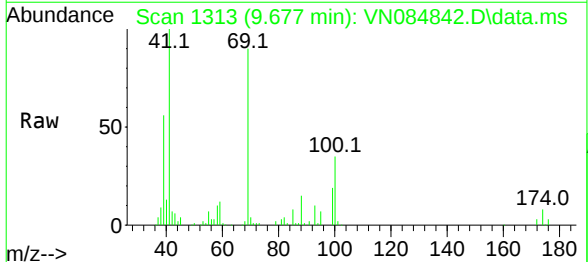
Manual Integrations
APPROVED

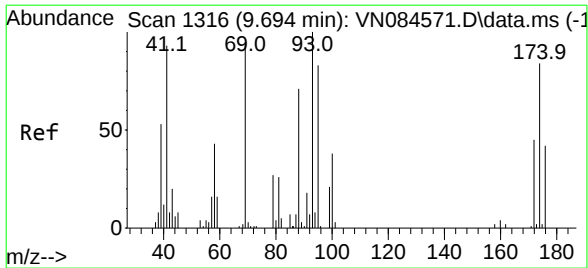
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#48
Methyl methacrylate
Concen: 52.702 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Tgt Ion: 41 Resp: 110608
Ion Ratio Lower Upper
41 100
69 91.5 67.1 100.7
39 55.6 45.8 68.6





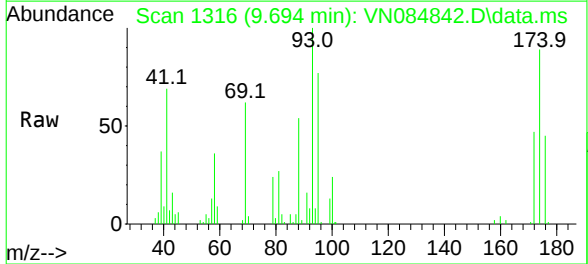
#49
1,4-Dioxane
Concen: 1007.687 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Instrument :

MSVOA_N

ClientSampleId :

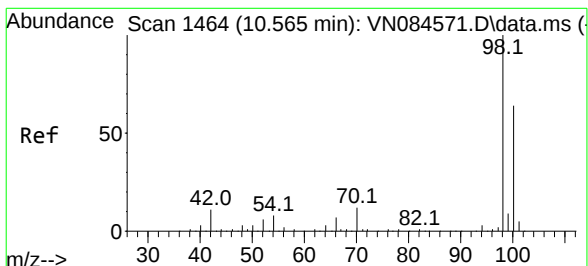
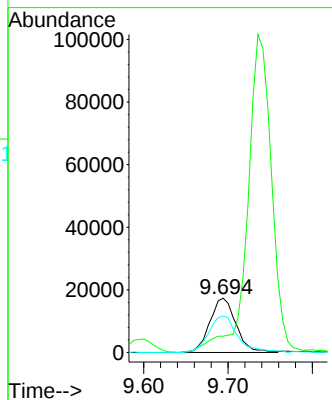
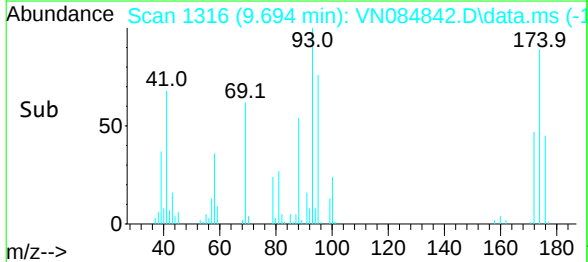
VSTDCCC050



Tgt Ion: 88 Resp: 37477
Ion Ratio Lower Upper
88 100
43 0.0 25.3 37.9#
58 74.3 56.4 84.6

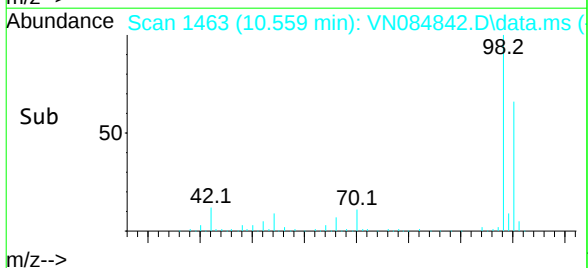
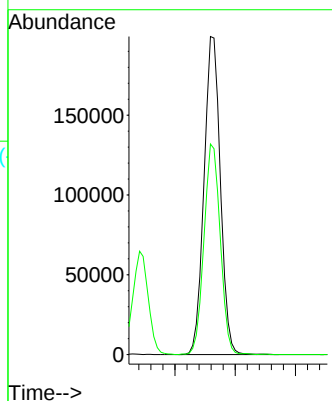
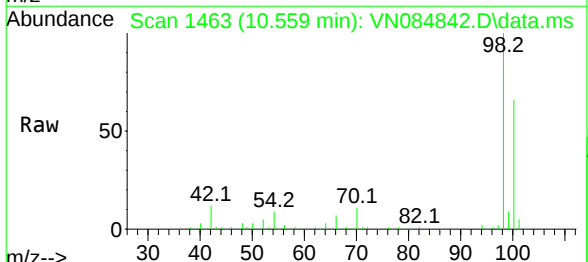
Manual Integrations
APPROVED

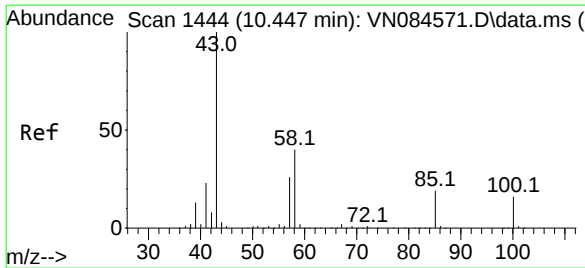
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#50
Toluene-d8
Concen: 47.644 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.006 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Tgt Ion: 98 Resp: 376126
Ion Ratio Lower Upper
98 100
100 65.8 52.7 79.1





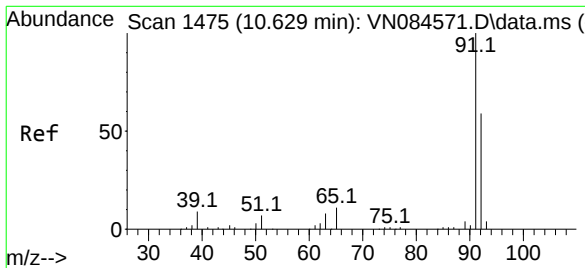
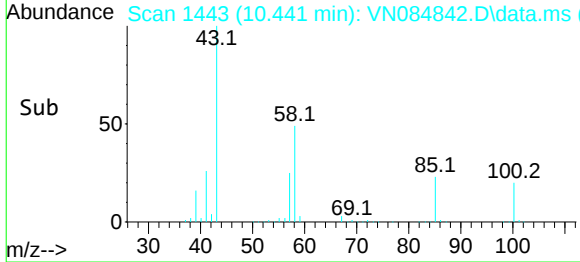
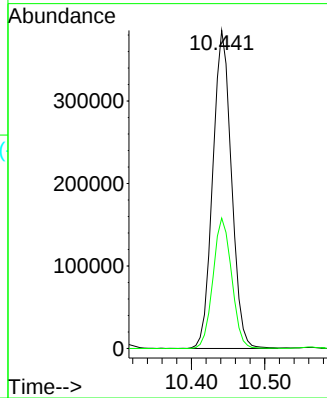
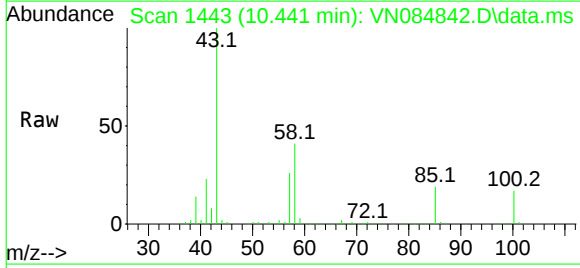
#51
4-Methyl-2-Pentanone
Concen: 265.200 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 681760
Ion Ratio Lower Upper
43 100
58 40.8 31.6 47.4

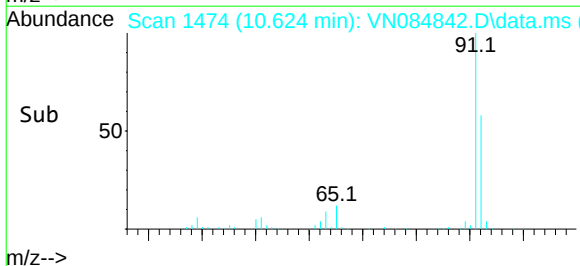
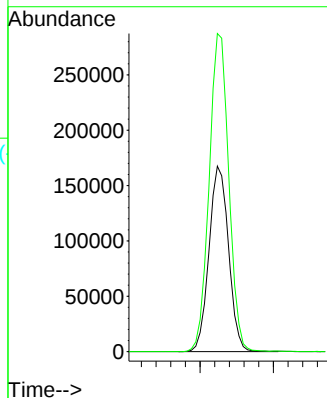
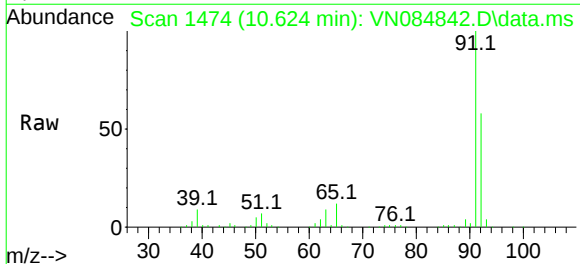
Manual Integrations
APPROVED

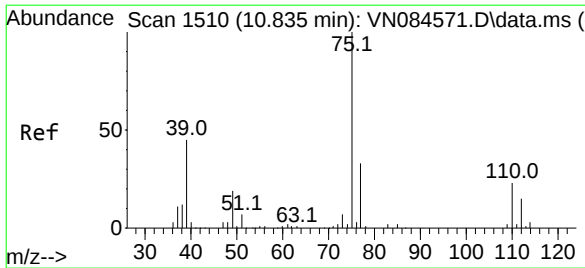
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#52
Toluene
Concen: 55.508 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

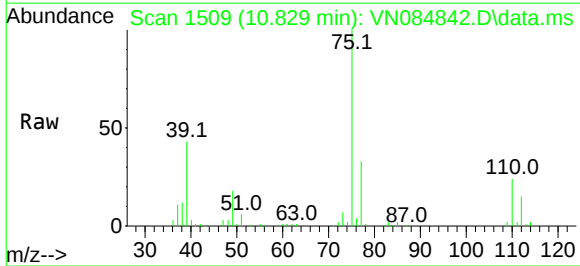
Tgt Ion: 92 Resp: 309874
Ion Ratio Lower Upper
92 100
91 172.3 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 52.155 ug/l
RT: 10.829 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

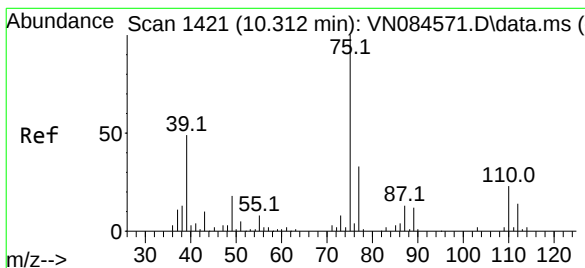
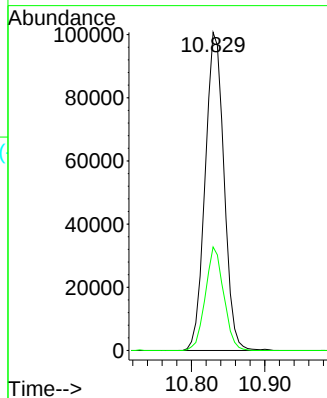
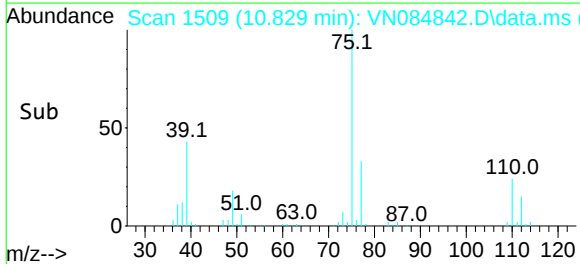
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



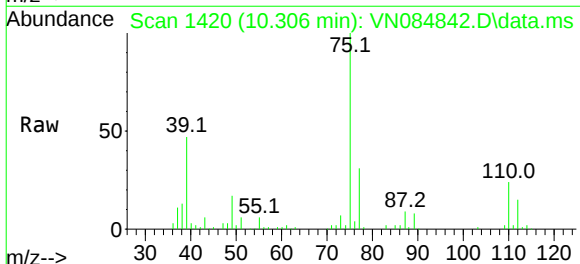
Tgt Ion: 75 Resp: 179801
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0

Manual Integrations
APPROVED

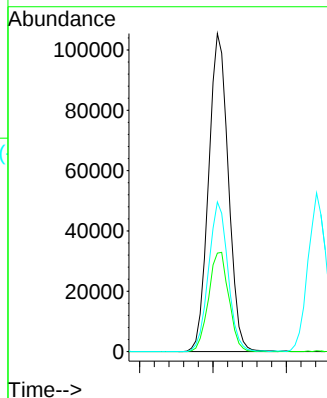
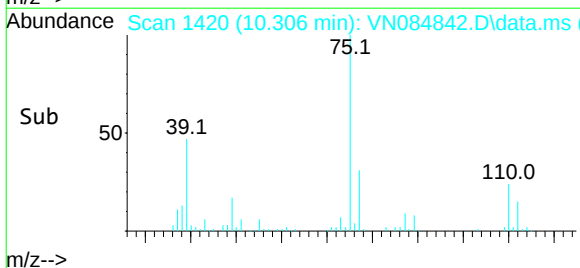
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024

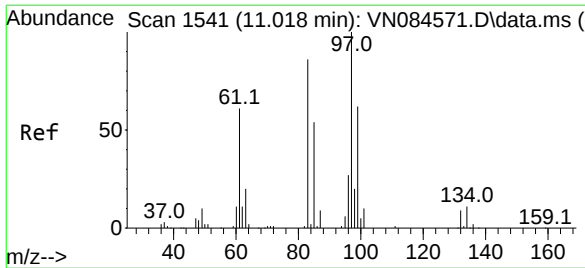


#54
cis-1,3-Dichloropropene
Concen: 53.988 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54



Tgt Ion: 75 Resp: 196989
Ion Ratio Lower Upper
75 100
77 31.0 24.2 36.2
39 47.0 38.7 58.1





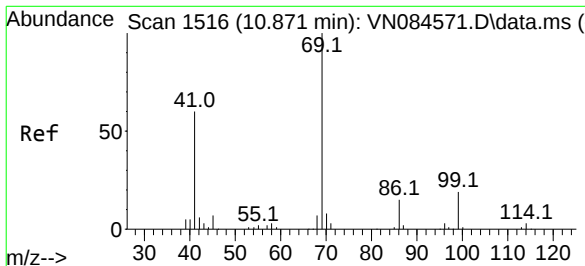
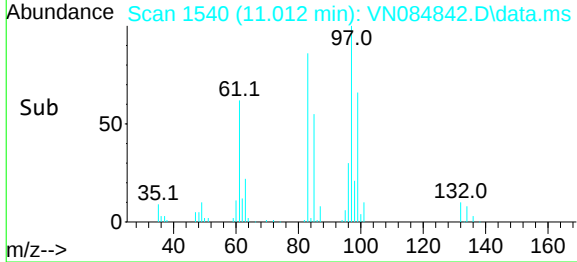
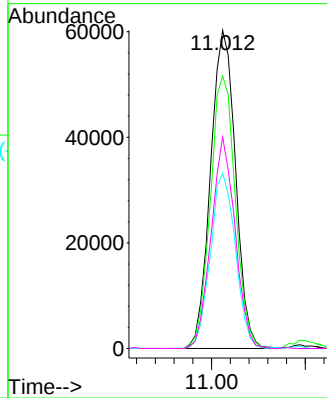
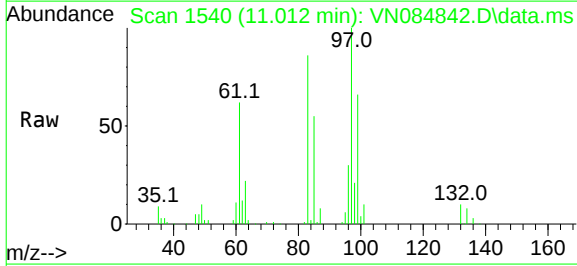
#55
1,1,2-Trichloroethane
Concen: 52.978 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	97	Resp:	111405
Ion	Ratio	Lower	Upper
97	100		
83	85.7	71.0	106.4
85	55.0	41.7	62.5
99	66.5	50.1	75.1

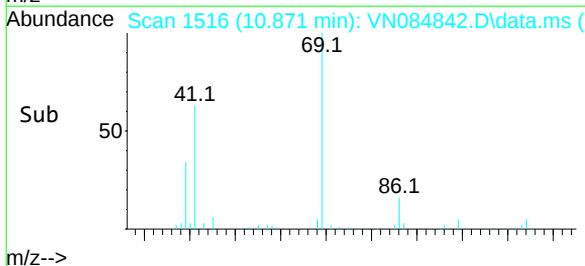
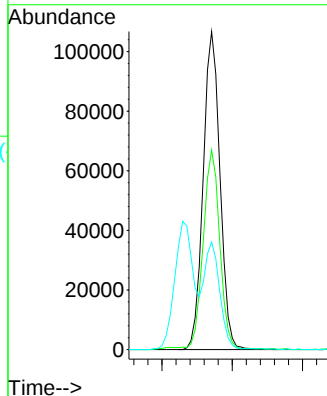
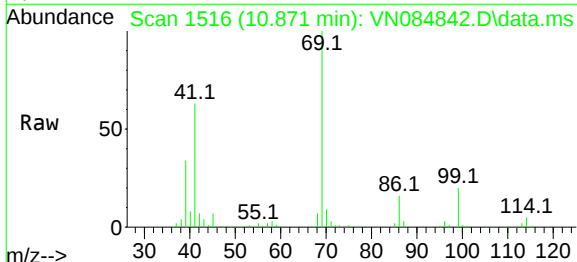
Manual Integrations
APPROVED

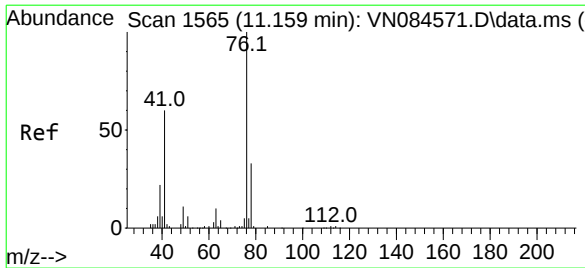
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#56
Ethyl methacrylate
Concen: 58.208 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

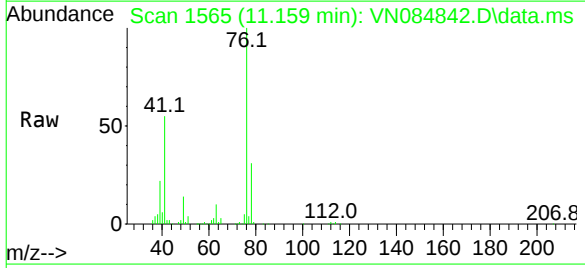
Tgt Ion:	69	Resp:	177050
Ion	Ratio	Lower	Upper
69	100		
41	61.4	53.3	79.9
39	31.7	28.8	43.2





#57
1,3-Dichloropropane
Concen: 54.028 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

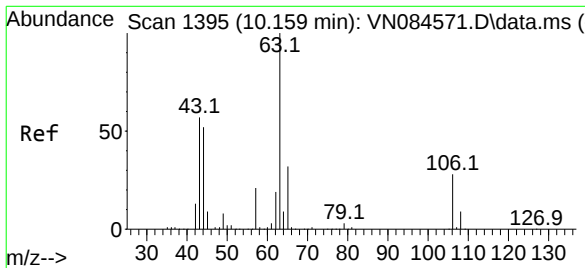
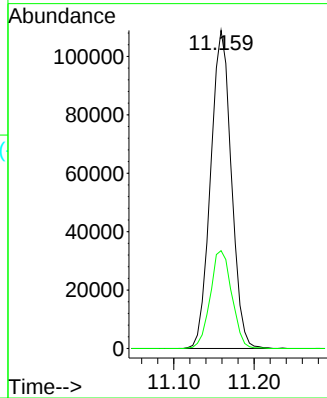
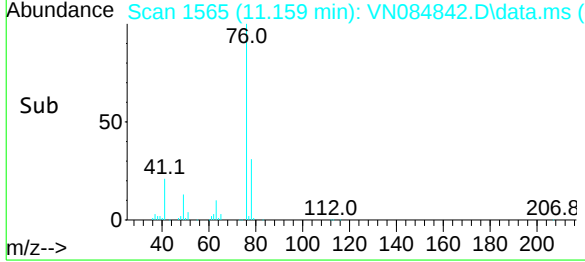
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



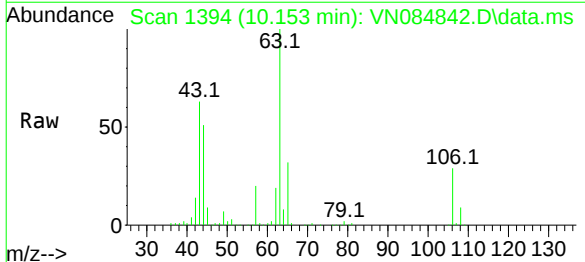
Tgt Ion: 76 Resp: 194987
Ion Ratio Lower Upper
76 100
78 32.0 25.8 38.6

Manual Integrations
APPROVED

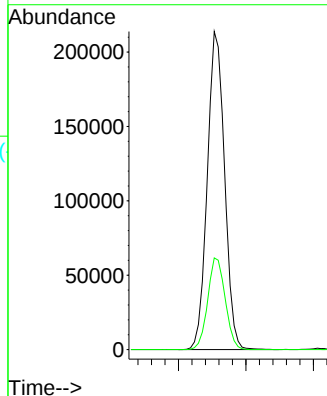
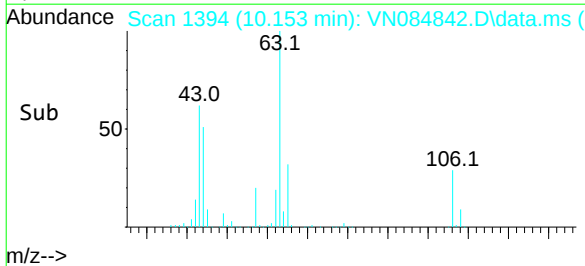
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024

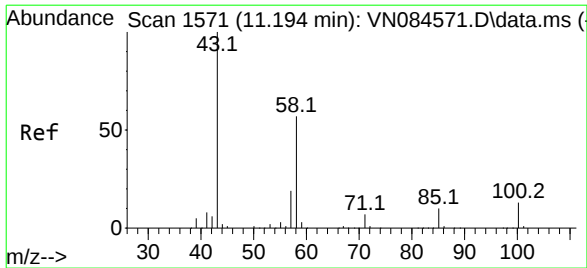


#58
2-Chloroethyl Vinyl ether
Concen: 266.872 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54



Tgt Ion: 63 Resp: 379841
Ion Ratio Lower Upper
63 100
106 29.1 21.8 32.6





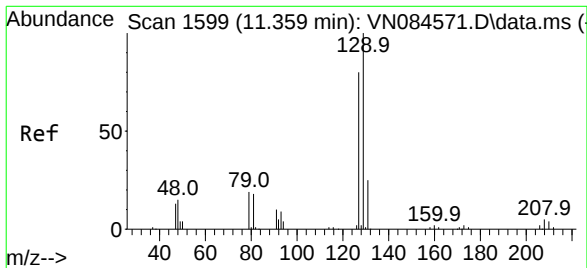
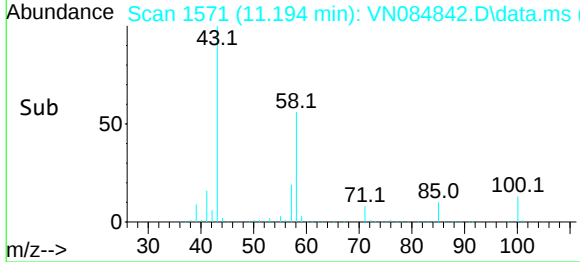
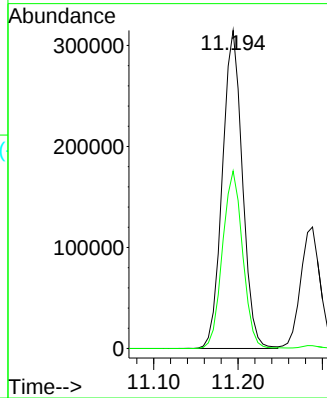
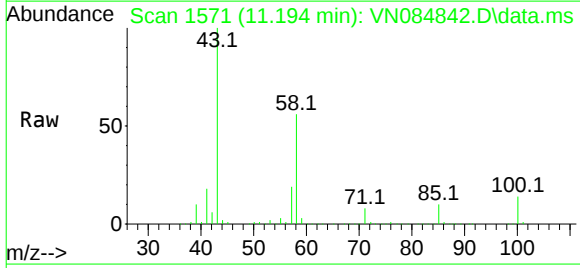
#59
2-Hexanone
Concen: 277.503 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 519264
Ion Ratio Lower Upper
43 100
58 56.2 27.3 81.8

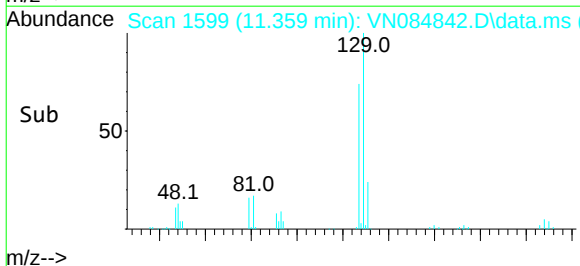
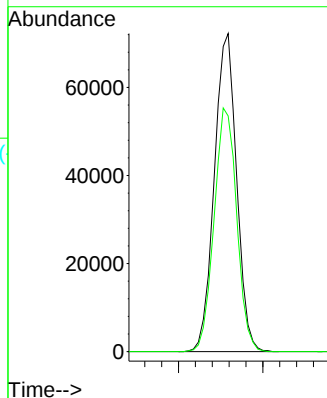
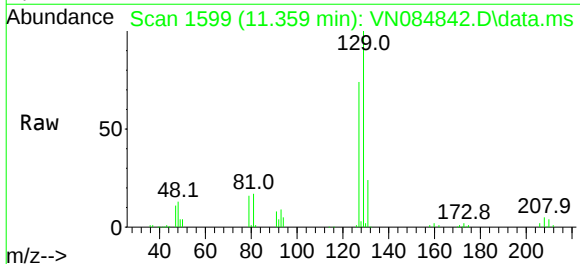
Manual Integrations
APPROVED

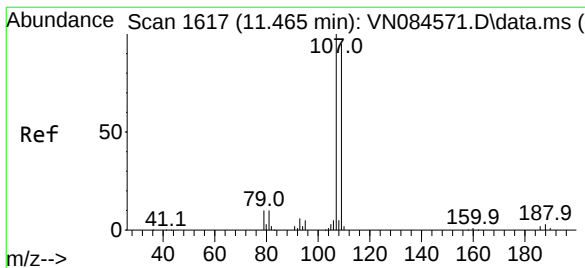
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#60
Dibromochloromethane
Concen: 55.321 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Tgt Ion:129 Resp: 132584
Ion Ratio Lower Upper
129 100
127 77.8 38.3 114.9





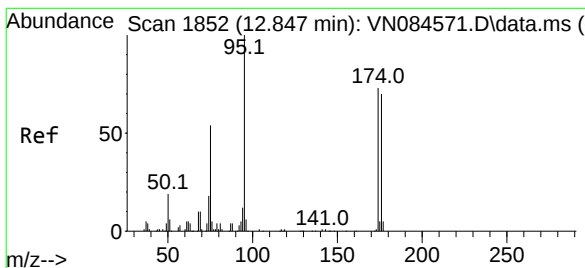
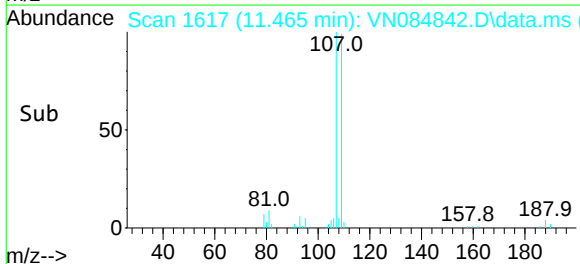
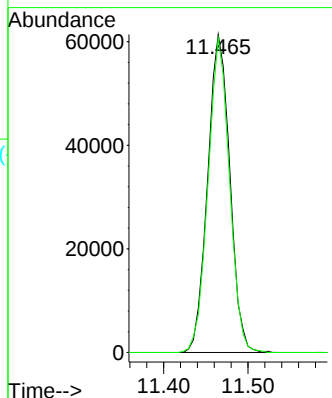
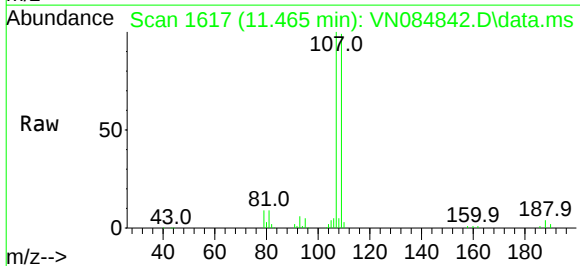
#61
1,2-Dibromoethane
Concen: 52.099 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 107 Resp: 112189
Ion Ratio Lower Upper
107 100
109 95.5 75.4 113.0

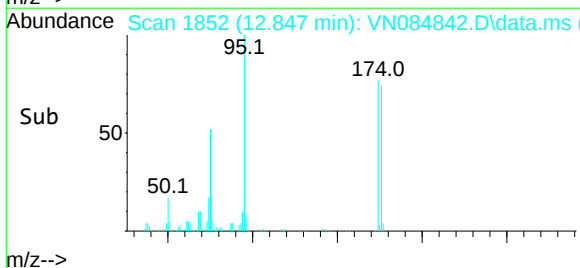
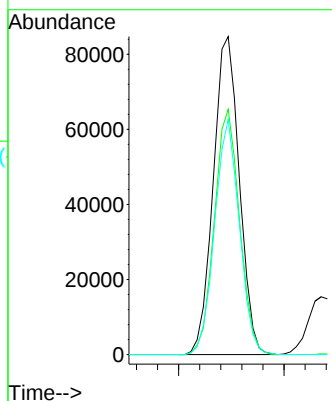
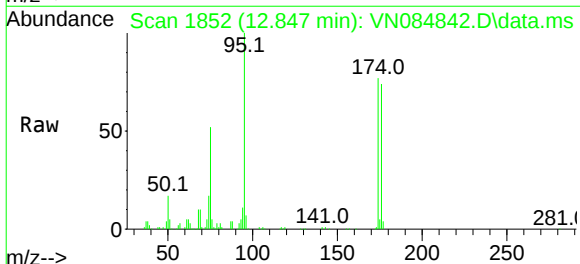
Manual Integrations
APPROVED

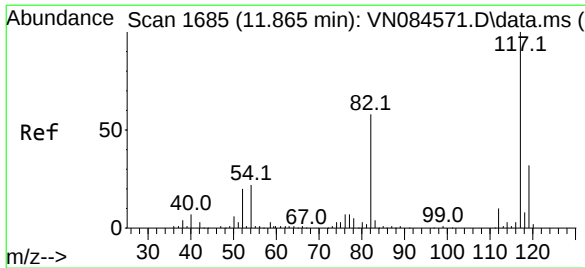
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#62
4-Bromofluorobenzene
Concen: 49.283 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

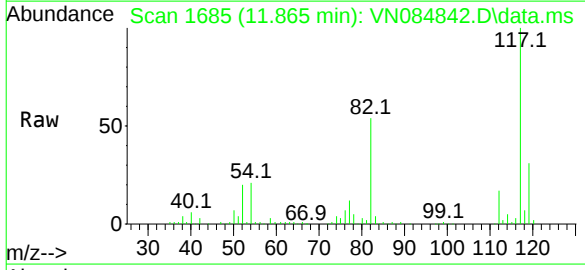
Tgt Ion: 95 Resp: 145405
Ion Ratio Lower Upper
95 100
174 74.5 0.0 145.2
176 69.9 0.0 140.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

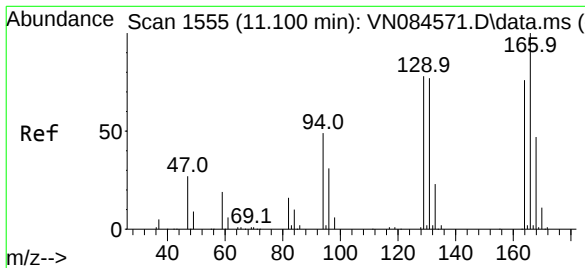
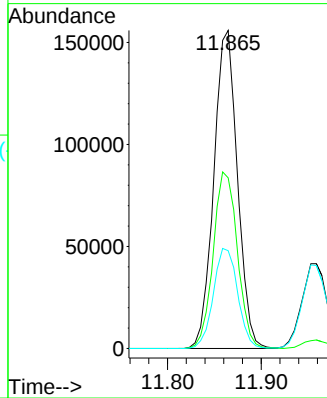
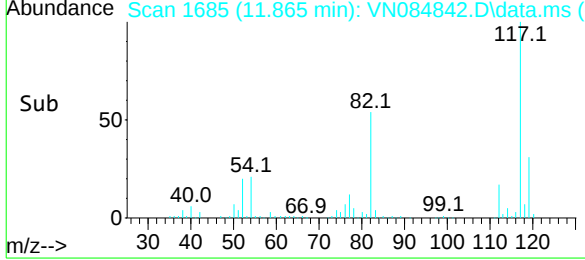
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 272995
Ion Ratio Lower Upper
117 100
82 53.7 47.2 70.8
119 30.7 25.4 38.0

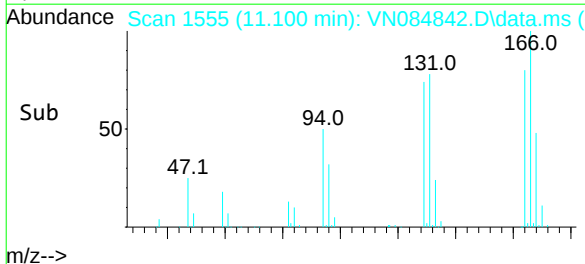
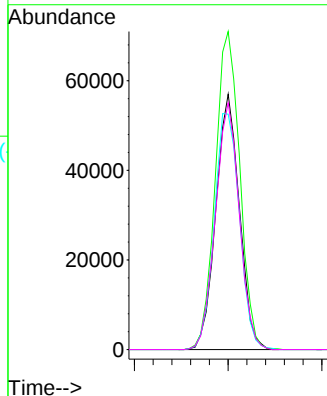
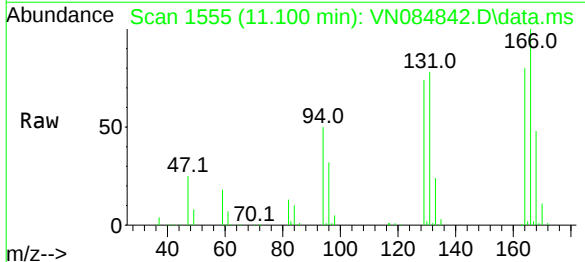
Manual Integrations
APPROVED

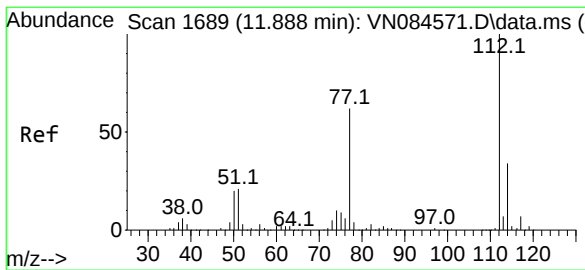
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#64
Tetrachloroethene
Concen: 54.755 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

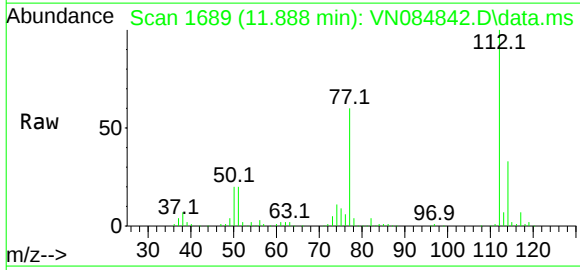
Tgt Ion:164 Resp: 99428
Ion Ratio Lower Upper
164 100
166 124.6 101.0 151.4
129 92.2 80.8 121.2
131 96.6 78.1 117.1





#65
Chlorobenzene
Concen: 52.749 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

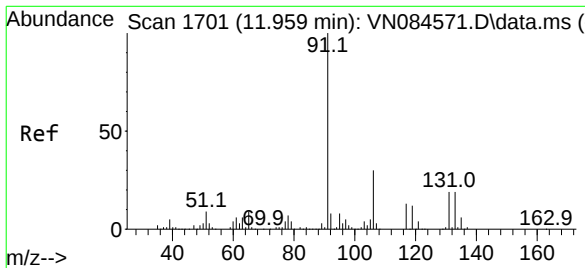
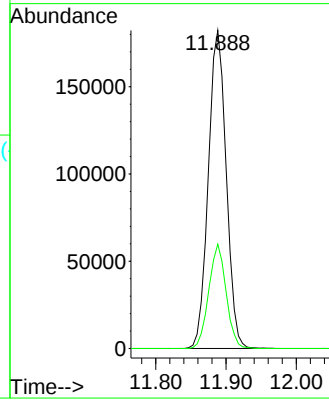
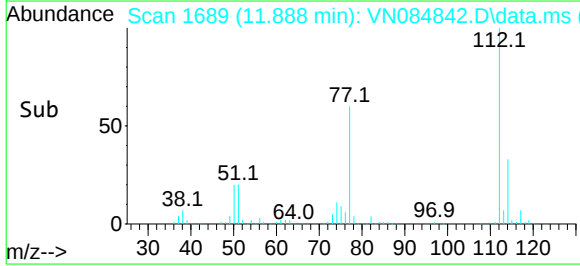
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 322156
Ion Ratio Lower Upper
112 100
114 32.8 27.0 40.6

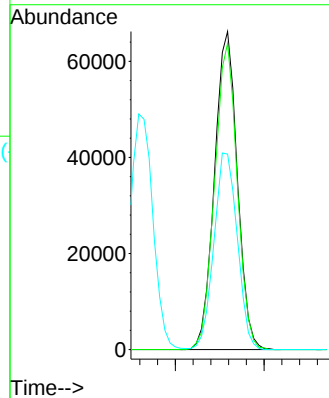
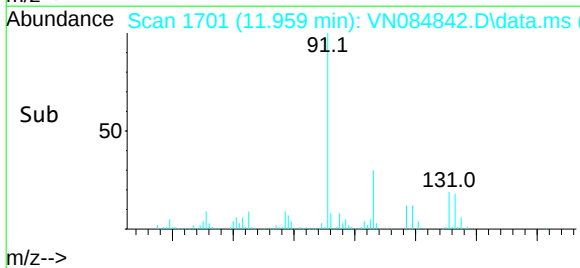
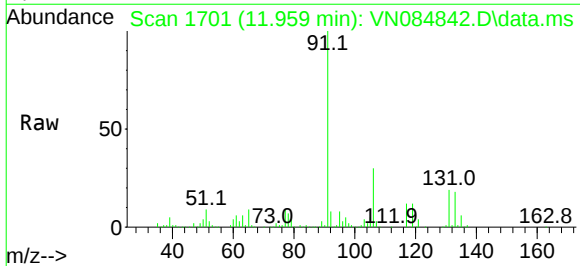
Manual Integrations
APPROVED

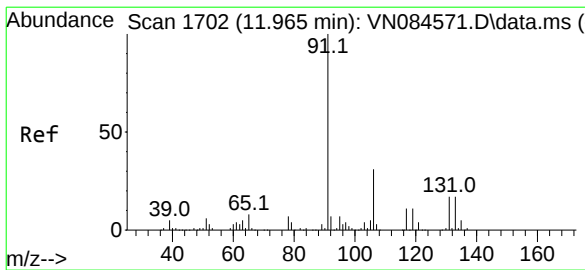
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 55.554 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Tgt Ion:131 Resp: 118016
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.7
119 63.4 32.8 98.3





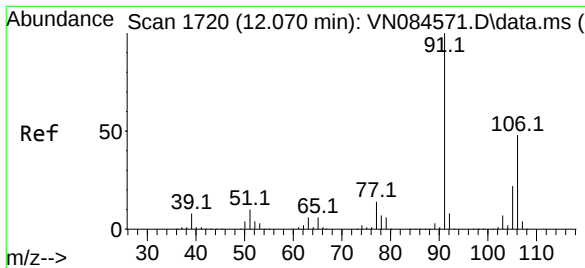
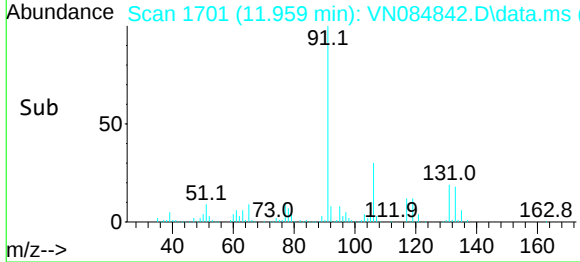
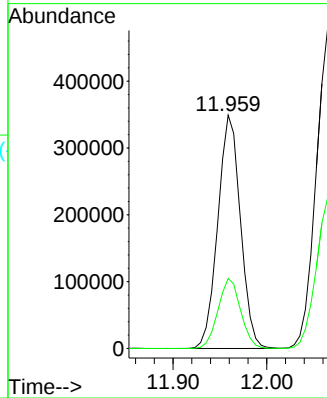
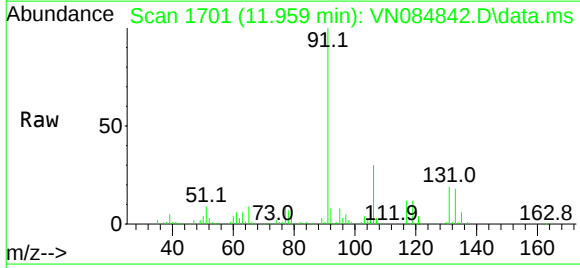
#67
Ethyl Benzene
Concen: 57.397 ug/l
RT: 11.959 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 585138
Ion Ratio Lower Upper
91 100
106 30.0 24.5 36.7

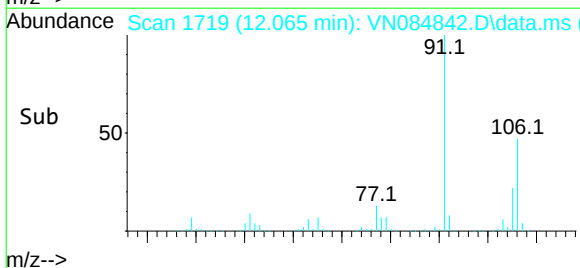
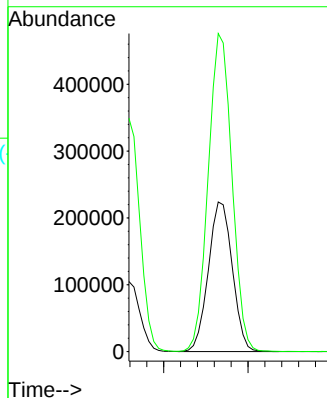
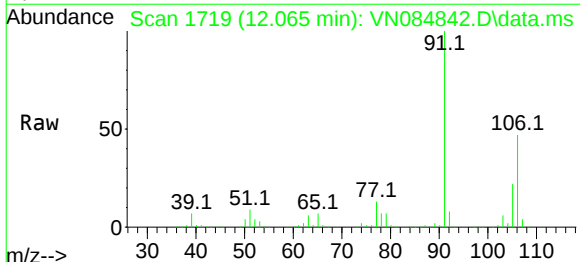
Manual Integrations
APPROVED

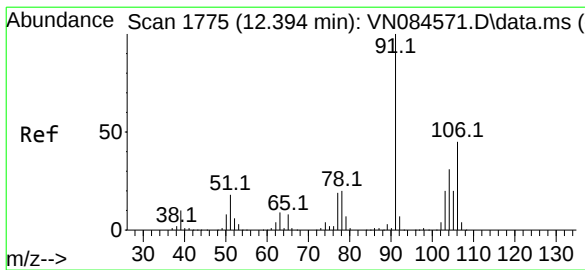
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#68
m/p-Xylenes
Concen: 114.597 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

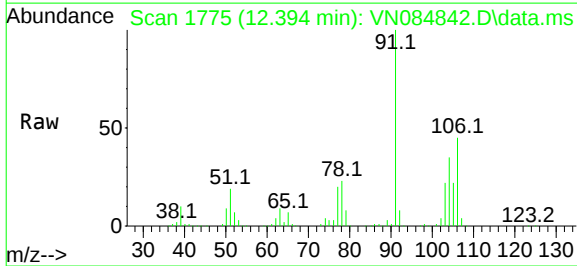
Tgt Ion:106 Resp: 442292
Ion Ratio Lower Upper
106 100
91 210.0 167.1 250.7





#69
o-Xylene
Concen: 59.044 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

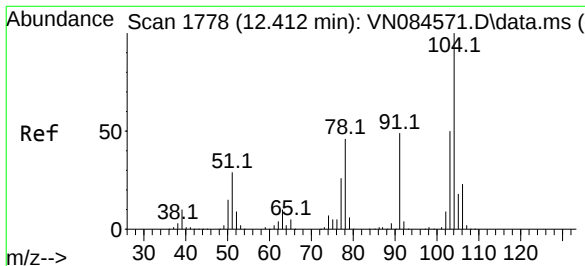
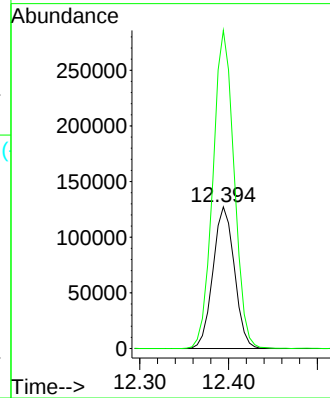
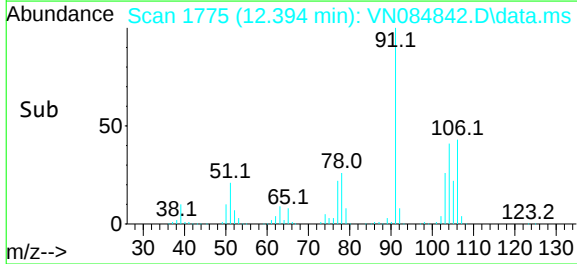
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 213178
Ion Ratio Lower Upper
106 100
91 222.7 110.2 330.6

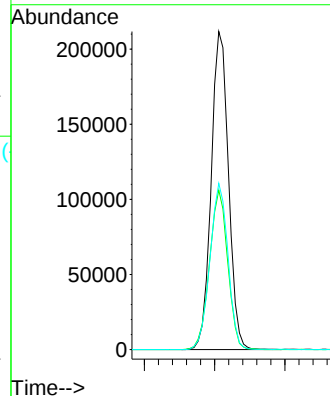
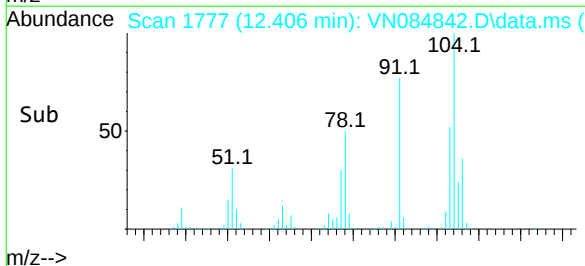
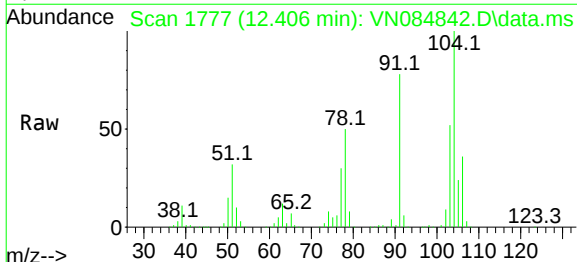
Manual Integrations
APPROVED

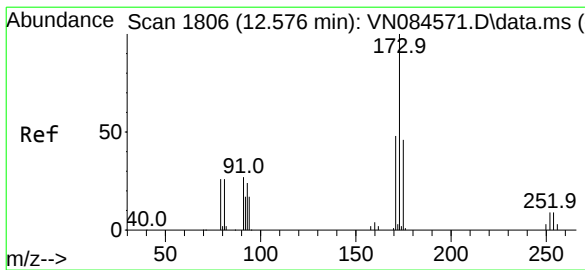
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#70
Styrene
Concen: 57.418 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Tgt Ion:104 Resp: 361633
Ion Ratio Lower Upper
104 100
78 52.6 42.7 64.1
103 54.5 43.6 65.4





#71

Bromoform

Concen: 55.436 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN084842.D

Acq: 14 Nov 2024 09:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

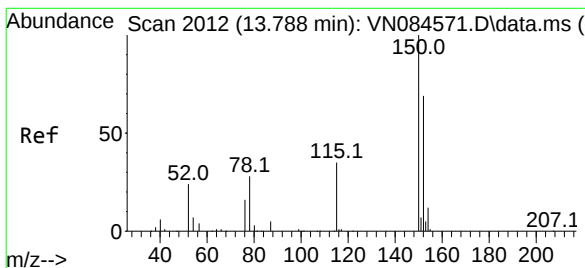
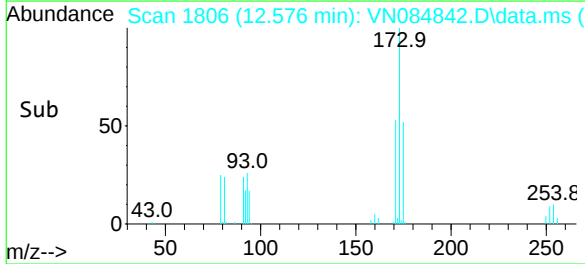
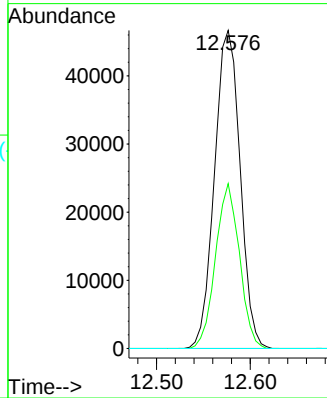
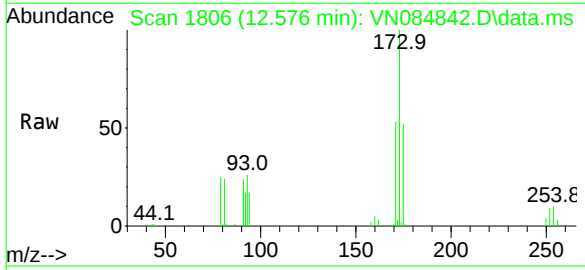
Tgt Ion:	173	Resp:	88615
Ion Ratio	Lower	Upper	
173	100		
175	48.4	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

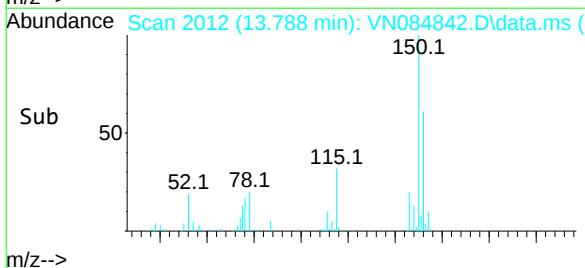
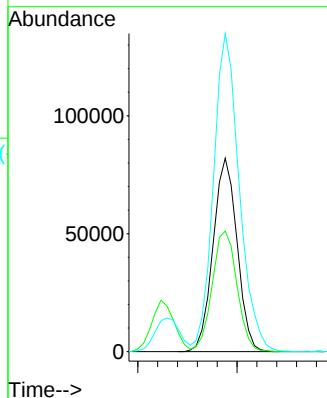
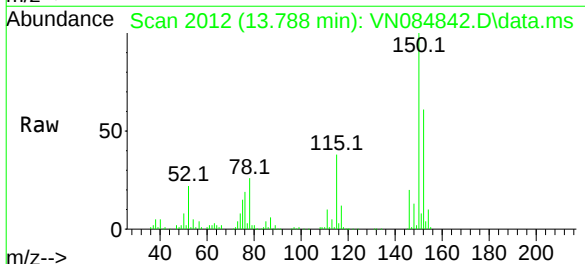
RT: 13.788 min Scan# 2012

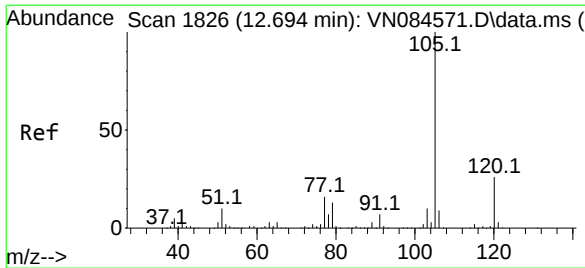
Delta R.T. 0.000 min

Lab File: VN084842.D

Acq: 14 Nov 2024 09:54

Tgt Ion:	152	Resp:	137639
Ion Ratio	Lower	Upper	
152	100		
115	64.5	31.3	93.9
150	177.0	0.0	349.8





#73

Isopropylbenzene

Concen: 56.479 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084842.D

Acq: 14 Nov 2024 09:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 544764

Ion Ratio Lower Upper

105 100

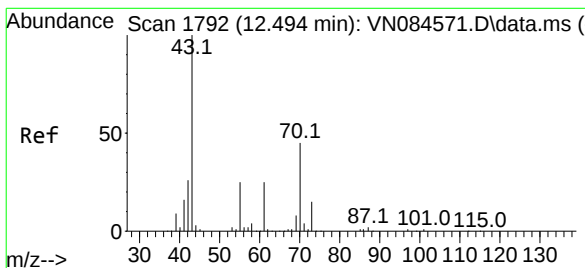
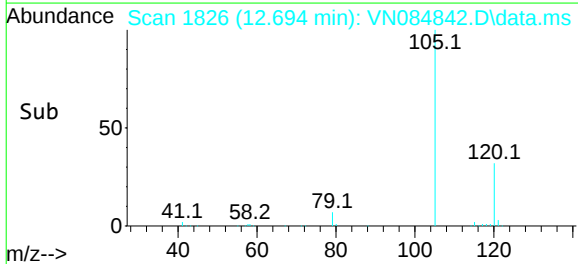
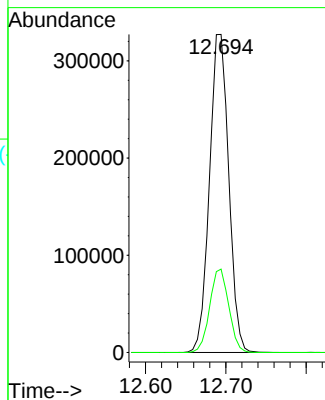
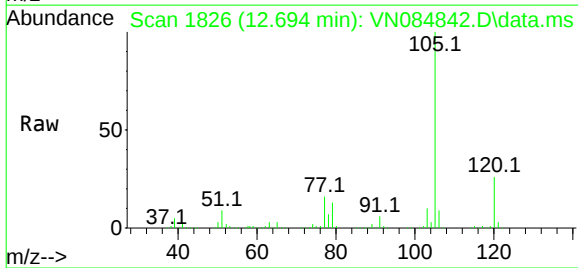
120 25.9 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#74

N-ethyl acetate

Concen: 51.804 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN084842.D

Acq: 14 Nov 2024 09:54

Tgt Ion: 43 Resp: 212669

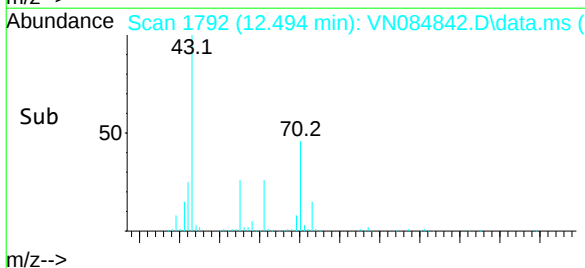
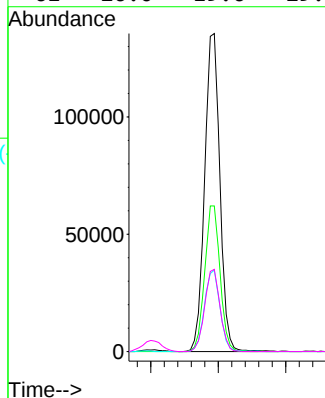
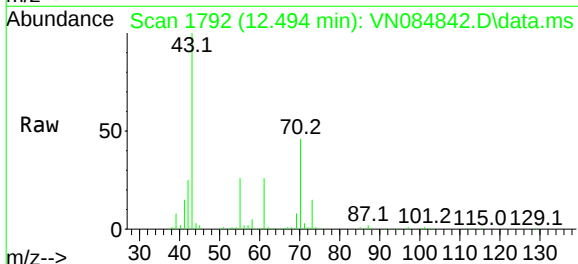
Ion Ratio Lower Upper

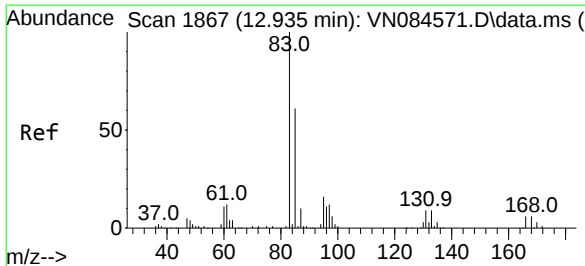
43 100

70 46.1 34.4 51.6

55 26.2 19.6 29.4

61 26.0 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.940 ug/l

RT: 12.935 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN084842.D

Acq: 14 Nov 2024 09:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

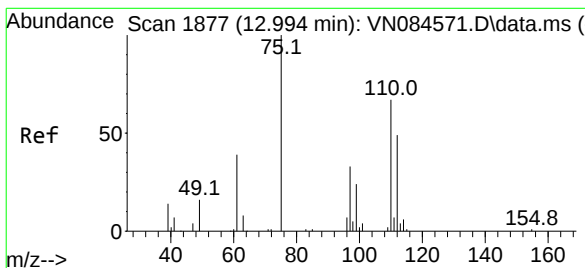
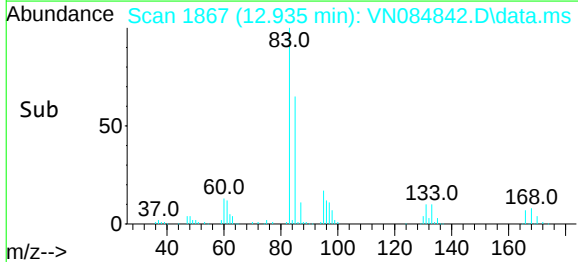
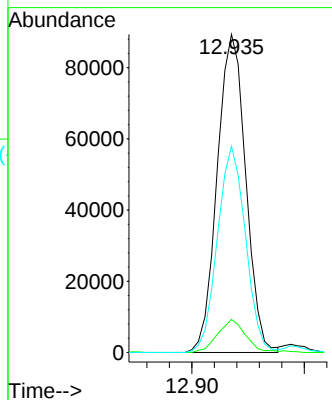
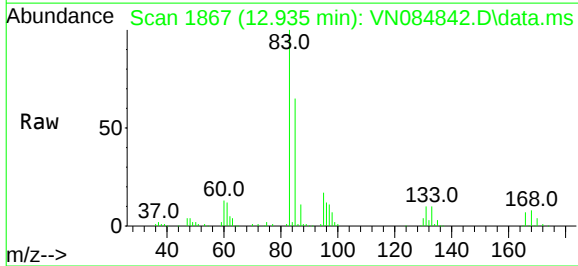
Tgt Ion:	83	Resp:	157563
Ion	Ratio	Lower	Upper
83	100		
131	10.4	4.9	14.7
85	63.7	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#76

1,2,3-Trichloropropane

Concen: 52.385 ug/l m

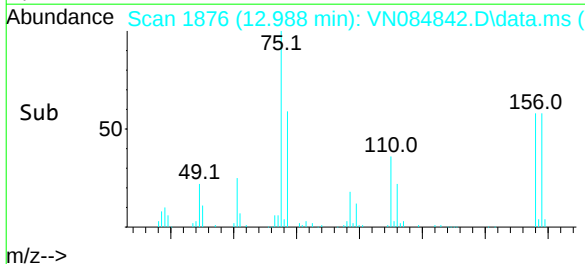
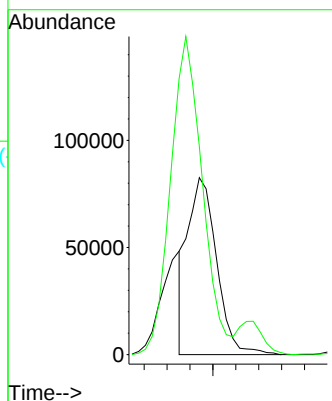
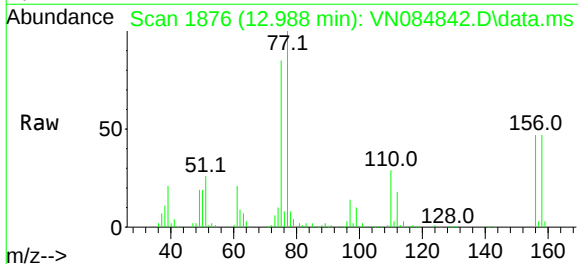
RT: 12.988 min Scan# 1876

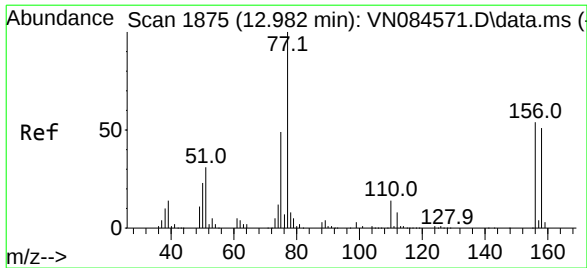
Delta R.T. 0.000 min

Lab File: VN084842.D

Acq: 14 Nov 2024 09:54

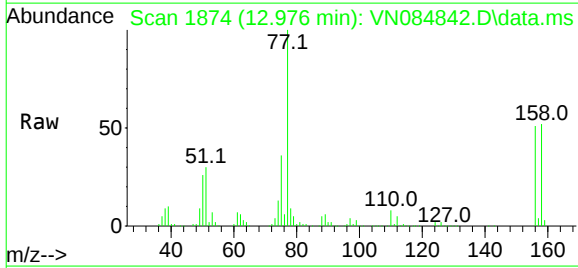
Tgt Ion:	75	Resp:	144130
Ion	Ratio	Lower	Upper
75	100		
77	199.0	96.9	290.7





#77
Bromobenzene
Concen: 50.921 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

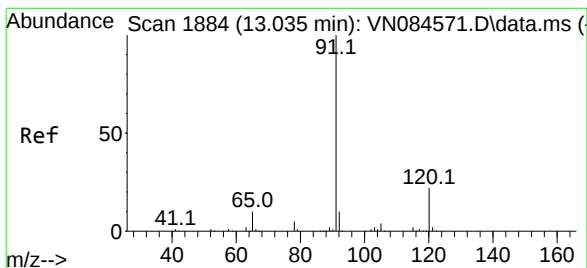
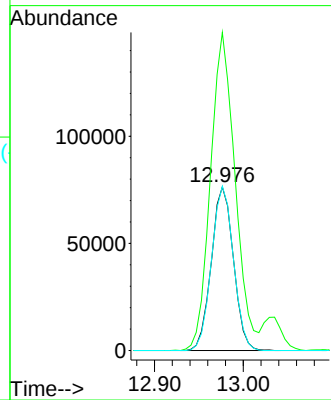
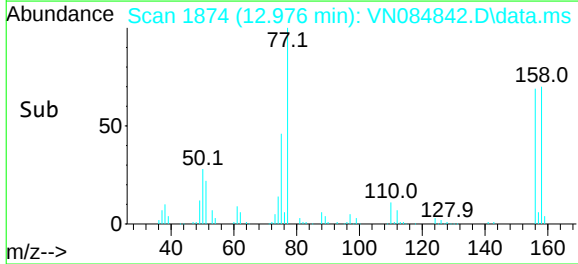
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 156 Resp: 132037
Ion Ratio Lower Upper
156 100
77 217.3 115.1 345.3
158 99.5 48.9 146.8

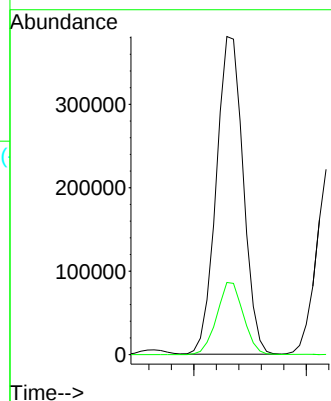
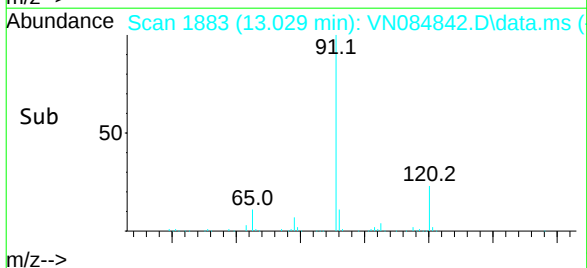
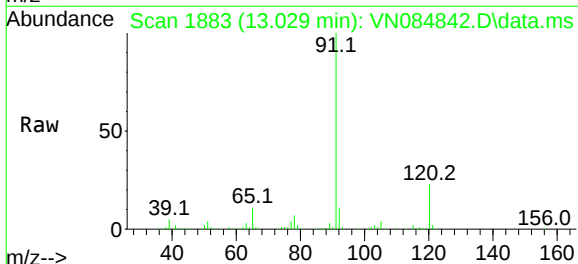
Manual Integrations
APPROVED

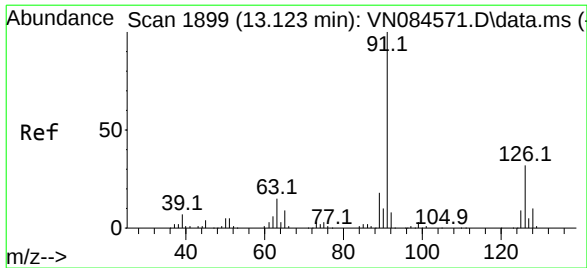
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#78
n-propylbenzene
Concen: 56.031 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Tgt Ion: 91 Resp: 633301
Ion Ratio Lower Upper
91 100
120 22.3 10.8 32.4





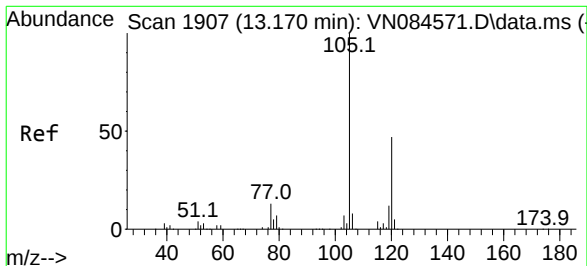
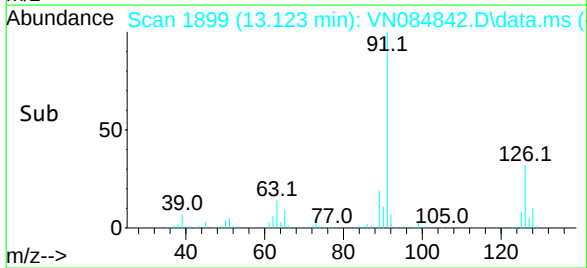
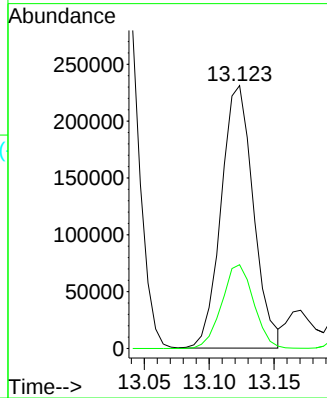
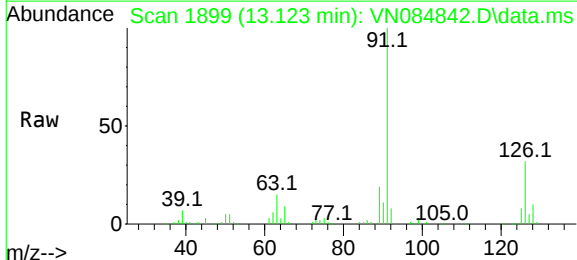
#79
2-Chlorotoluene
Concen: 54.253 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 400677
Ion Ratio Lower Upper
91 100
126 31.5 15.7 47.1

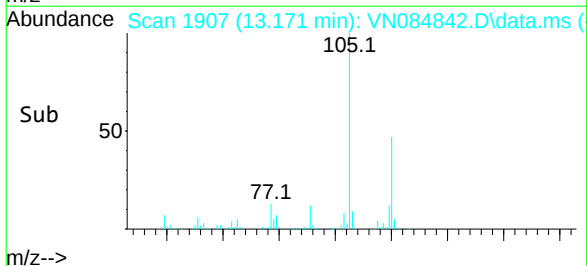
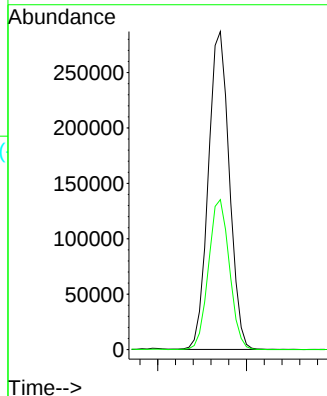
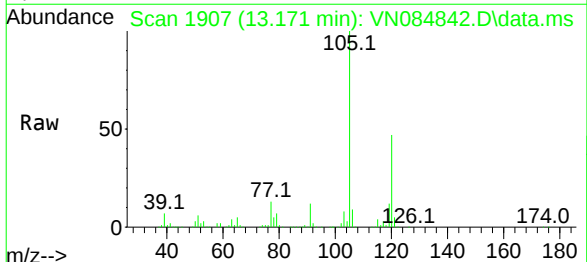
Manual Integrations
APPROVED

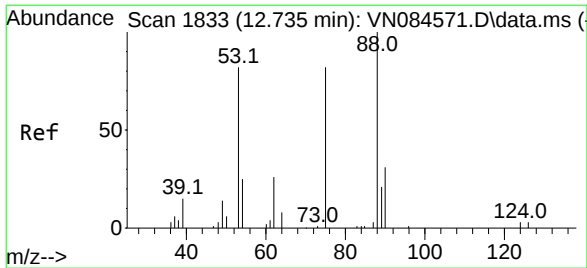
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#80
1,3,5-Trimethylbenzene
Concen: 59.014 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

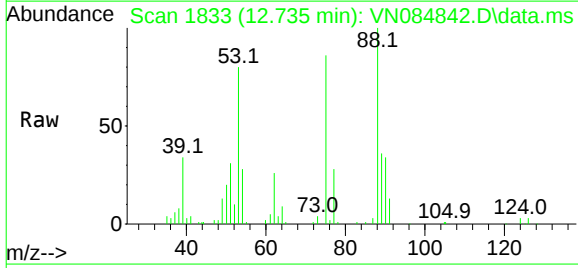
Tgt Ion:105 Resp: 471775
Ion Ratio Lower Upper
105 100
120 47.0 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 48.599 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

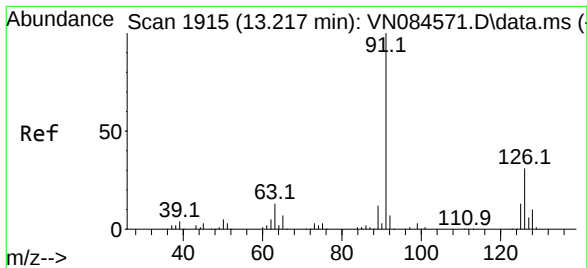
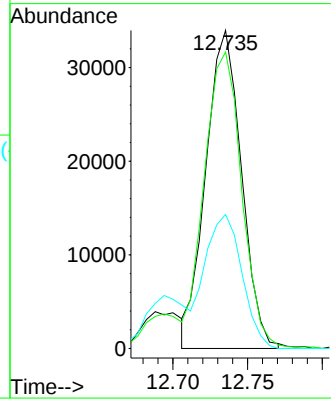
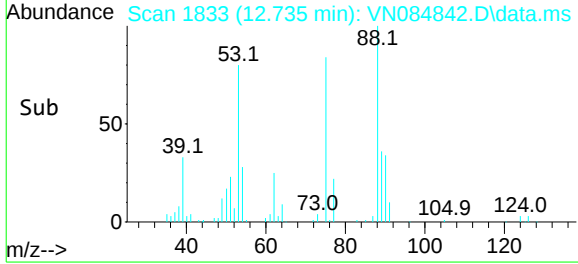
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 56362
Ion Ratio Lower Upper
75 100
53 109.3 78.0 117.0
89 43.5 35.5 53.3

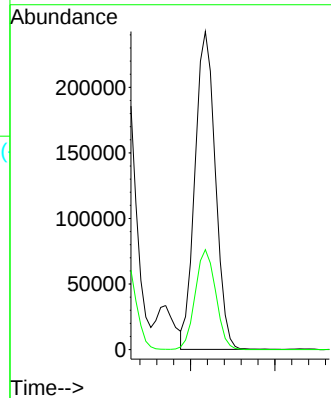
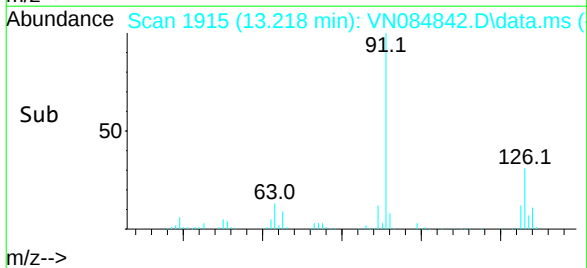
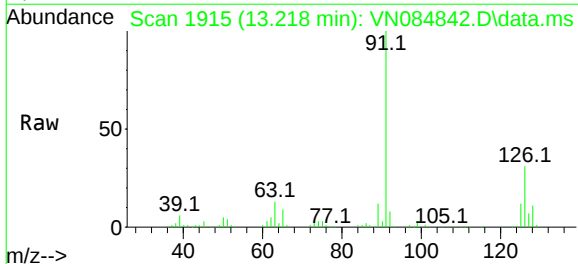
Manual Integrations
APPROVED

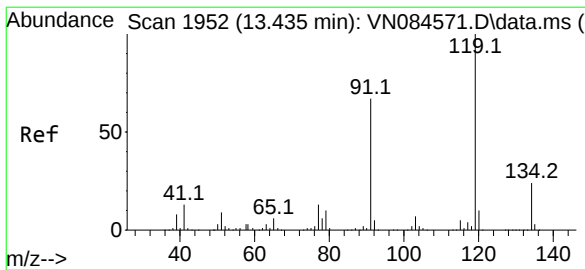
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#82
4-Chlorotoluene
Concen: 52.331 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Tgt Ion: 91 Resp: 406733
Ion Ratio Lower Upper
91 100
126 31.7 15.7 47.1





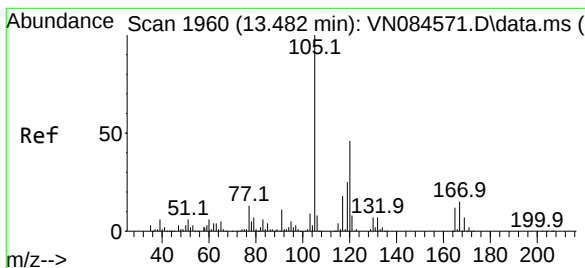
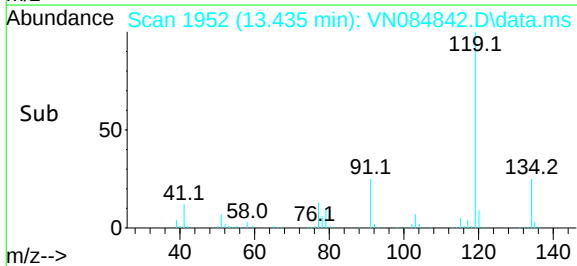
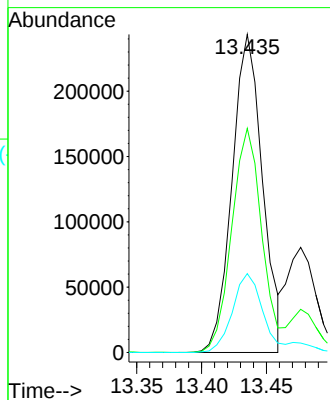
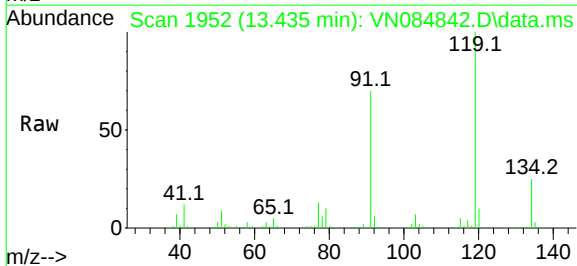
#83
tert-Butylbenzene
Concen: 60.164 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 398057
Ion Ratio Lower Upper
119 100
91 70.7 34.1 102.3
134 24.5 12.8 38.4

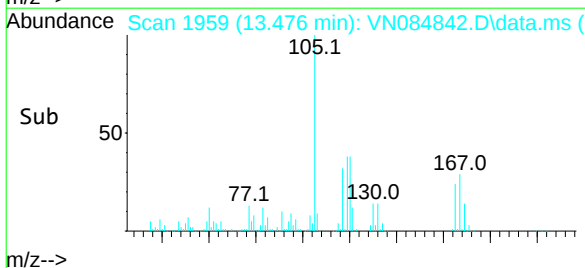
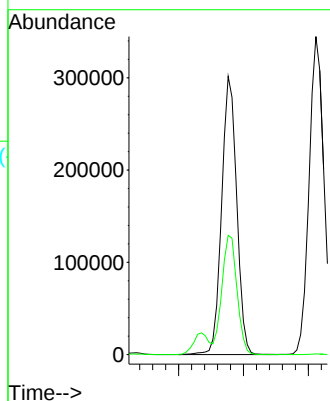
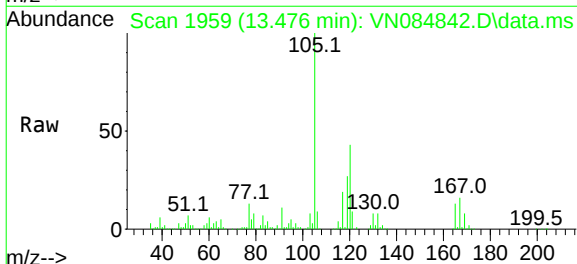
Manual Integrations
APPROVED

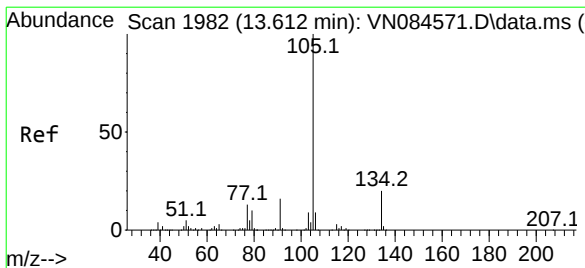
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#84
1,2,4-Trimethylbenzene
Concen: 58.840 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Tgt Ion:105 Resp: 485480
Ion Ratio Lower Upper
105 100
120 42.8 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 58.408 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: VN084842.D
 Acq: 14 Nov 2024 09:54

Instrument :

MSVOA_N

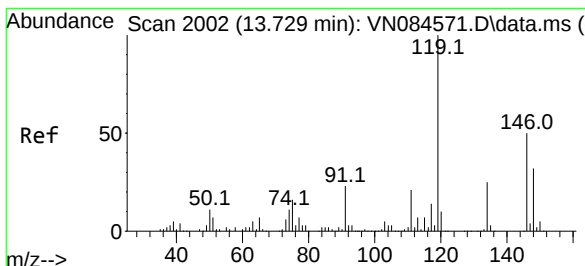
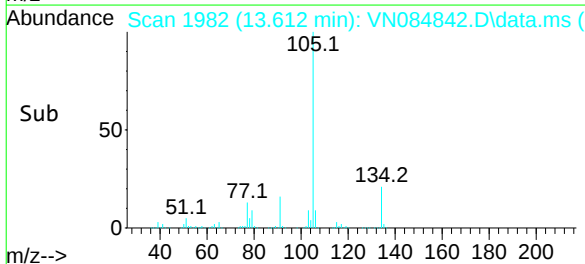
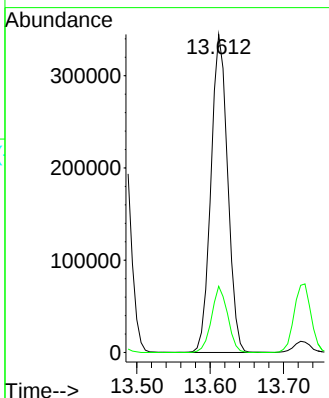
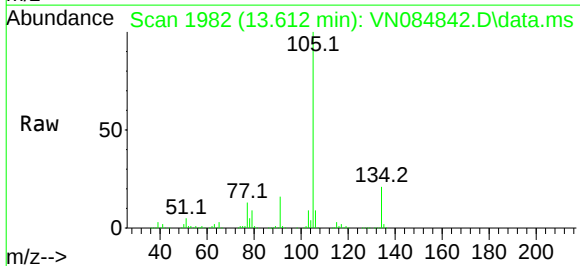
ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 545871
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.4

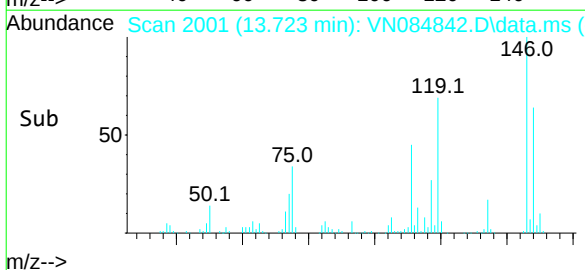
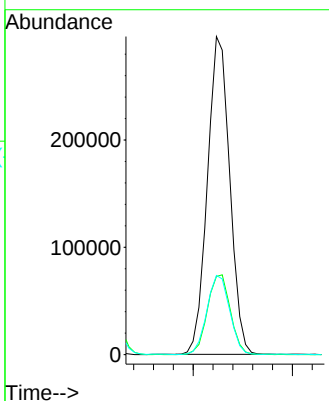
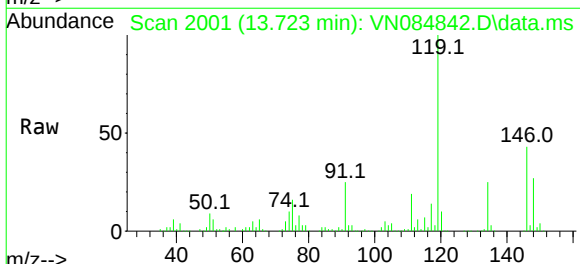
Manual Integrations
 APPROVED

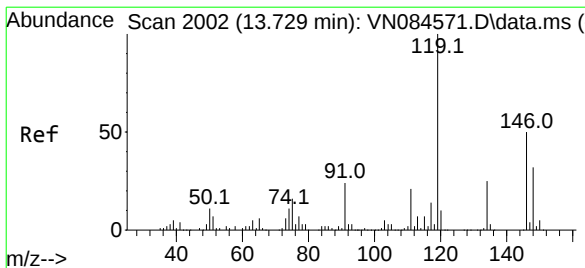
Reviewed By :John Carlone 11/15/2024
 Supervised By :Mahesh Dadoda 11/15/2024



#86
 p-Isopropyltoluene
 Concen: 60.464 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN084842.D
 Acq: 14 Nov 2024 09:54

Tgt Ion:119 Resp: 463441
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 25.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 48.702 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084842.D

Acq: 14 Nov 2024 09:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

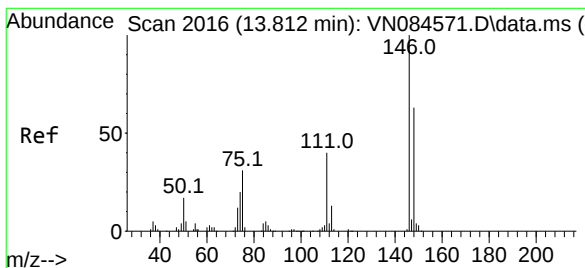
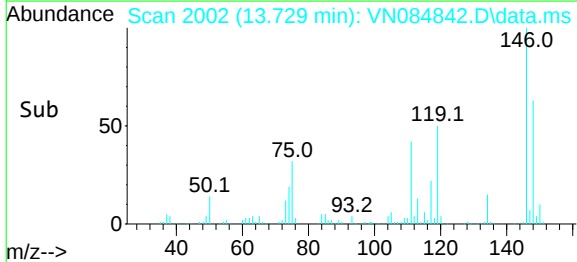
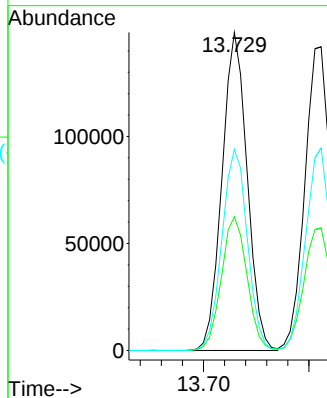
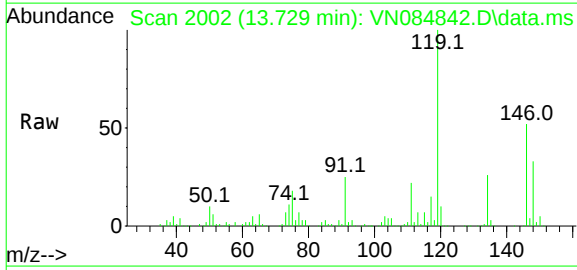
Tgt Ion:	146	Resp:	246451
Ion Ratio	Lower	Upper	
146	100		
111	42.9	21.8	65.3
148	64.1	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#88

1,4-Dichlorobenzene

Concen: 52.440 ug/l

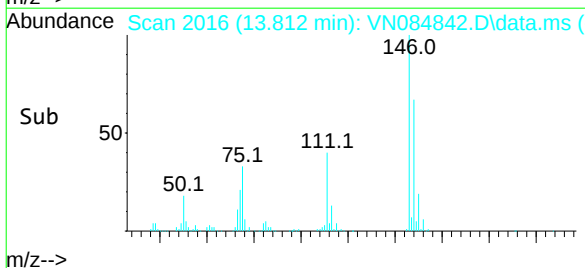
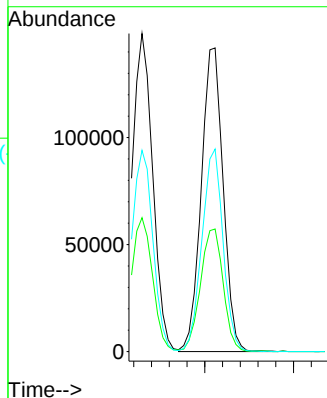
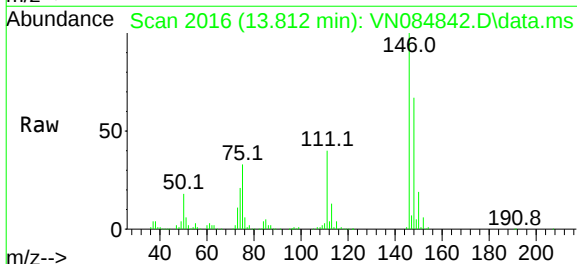
RT: 13.812 min Scan# 2016

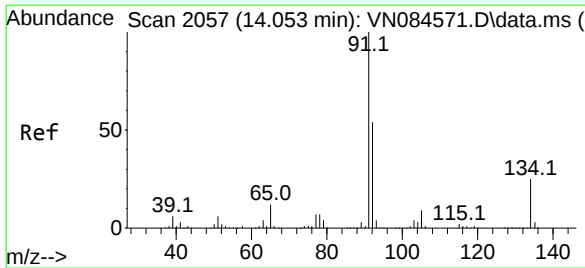
Delta R.T. -0.000 min

Lab File: VN084842.D

Acq: 14 Nov 2024 09:54

Tgt Ion:	146	Resp:	242929
Ion Ratio	Lower	Upper	
146	100		
111	41.6	21.2	63.6
148	64.6	31.9	95.9





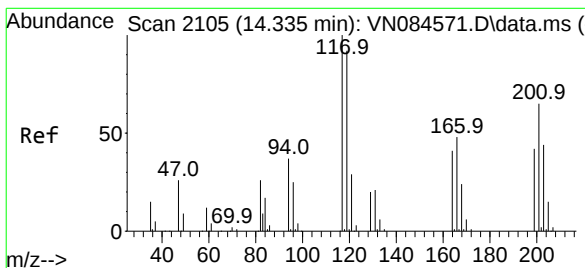
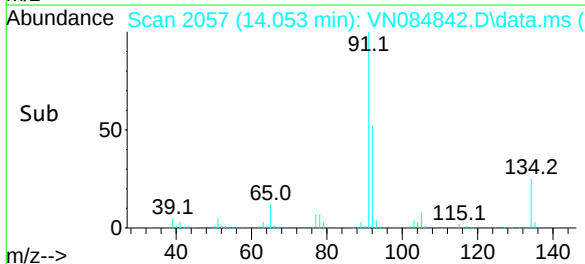
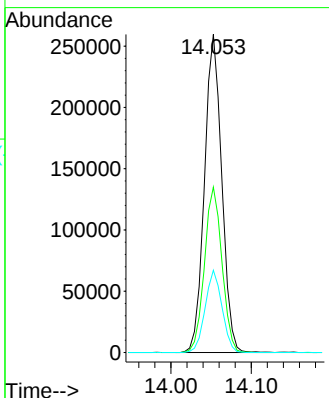
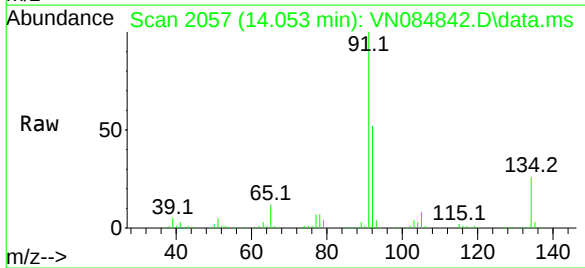
#89
n-Butylbenzene
Concen: 54.080 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 387742
Ion Ratio Lower Upper
91 100
92 52.6 26.6 79.7
134 25.2 12.3 36.9

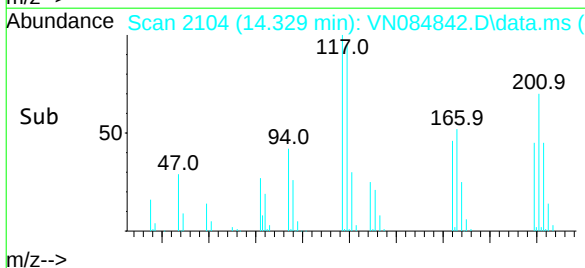
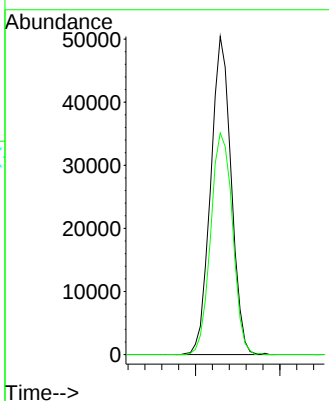
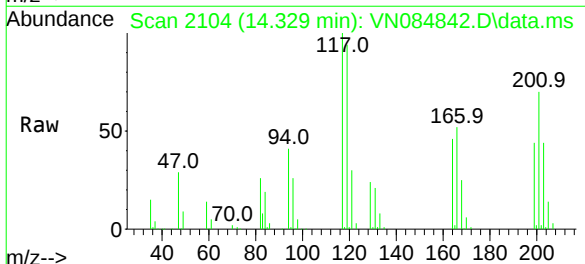
Manual Integrations
APPROVED

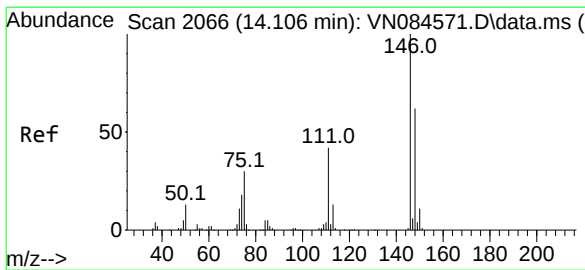
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#90
Hexachloroethane
Concen: 49.868 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Tgt Ion:117 Resp: 85239
Ion Ratio Lower Upper
117 100
201 74.0 34.4 103.2





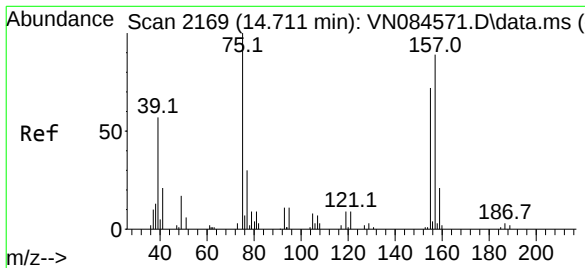
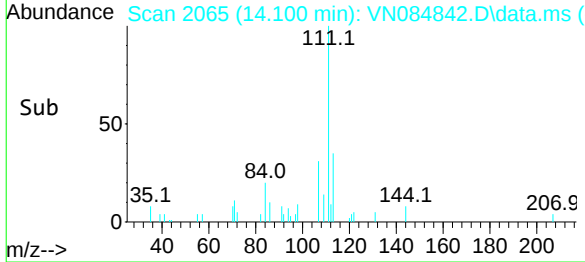
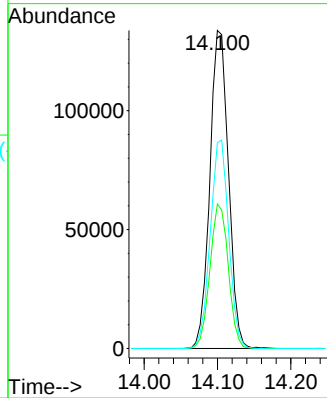
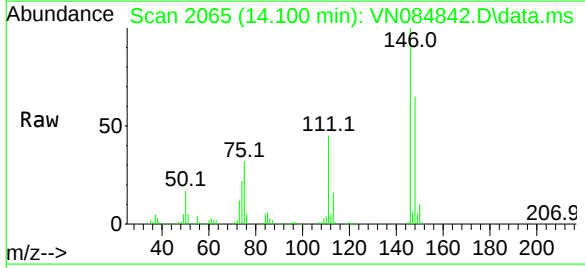
#91
1,2-Dichlorobenzene
Concen: 48.453 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.8	22.0	66.0
148	65.1	32.1	96.3

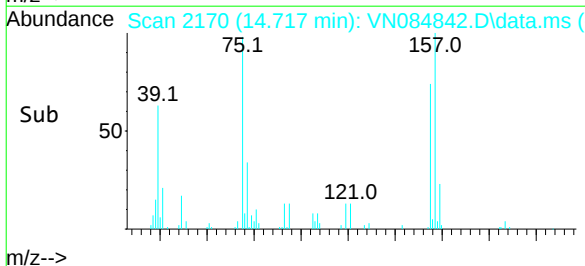
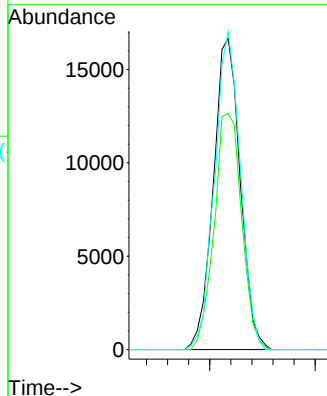
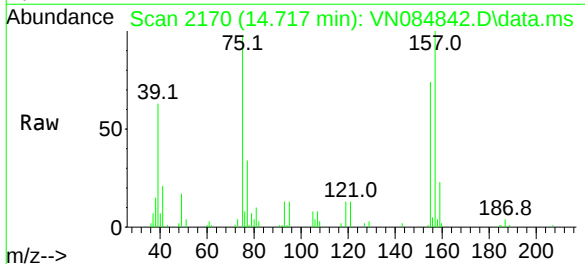
Manual Integrations
APPROVED

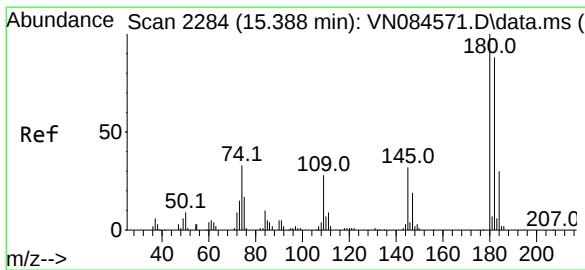
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.159 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

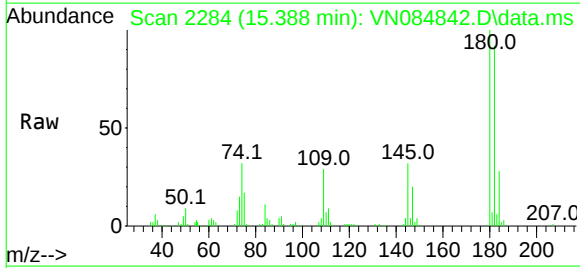
Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.8	38.1	114.5
157	98.4	49.6	149.0





#93
1,2,4-Trichlorobenzene
Concen: 45.540 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

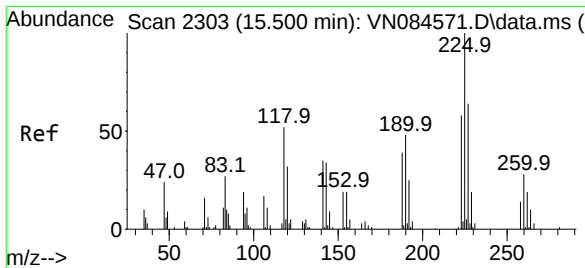
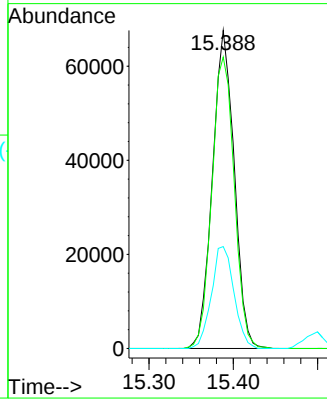
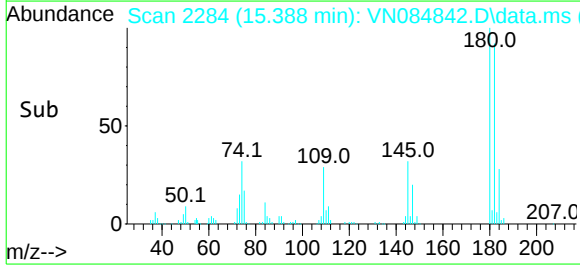
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



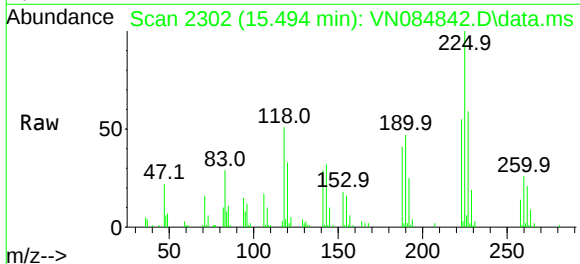
Tgt Ion:180 Resp: 121209
Ion Ratio Lower Upper
180 100
182 94.3 47.0 141.0
145 33.2 16.4 49.4

Manual Integrations
APPROVED

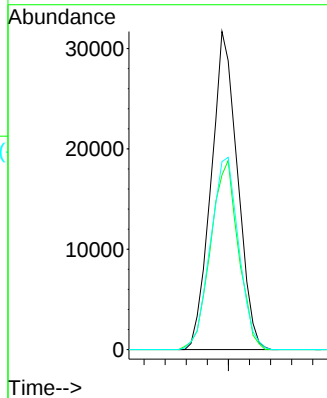
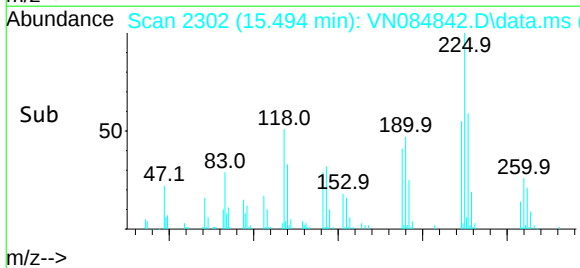
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024

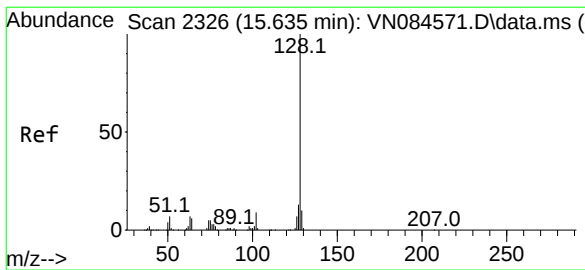


#94
Hexachlorobutadiene
Concen: 47.152 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54



Tgt Ion:225 Resp: 55113
Ion Ratio Lower Upper
225 100
223 62.2 32.4 97.2
227 64.8 32.4 97.0





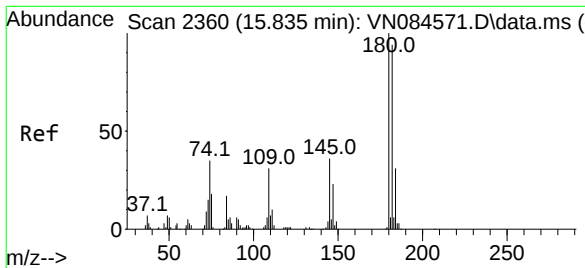
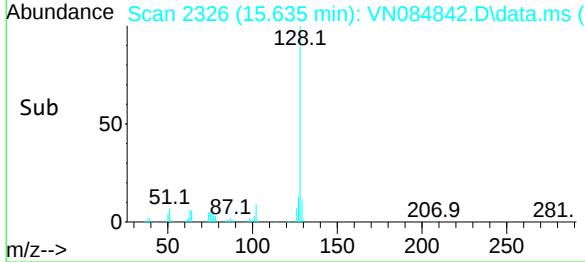
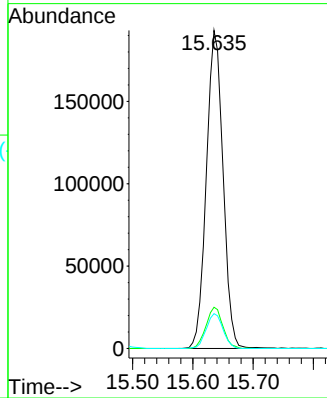
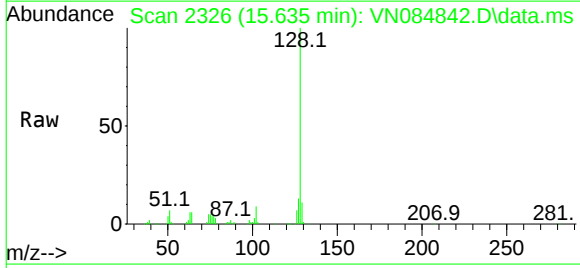
#95
Naphthalene
Concen: 46.584 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 371116
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#96
1,2,3-Trichlorobenzene
Concen: 46.158 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN084842.D
Acq: 14 Nov 2024 09:54

Tgt Ion:180 Resp: 119258
Ion Ratio Lower Upper
180 100
182 95.0 48.2 144.6
145 35.3 17.3 51.9

