

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112124\
 Data File : VN084995.D
 Acq On : 21 Nov 2024 15:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 22 04:33:46 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 11/22/2024
 Supervised By : Mahesh Dadoda 11/22/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	156906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	261929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	230917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	105661	46.624	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.240%		
35) Dibromofluoromethane	8.159	113	86801	48.959	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.920%		
50) Toluene-d8	10.565	98	302180	46.269	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.540%		
62) 4-Bromofluorobenzene	12.847	95	115754	47.424	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.840%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	87167	48.325	ug/l	95
3) Chloromethane	2.359	50	92867	43.552	ug/l	99
4) Vinyl Chloride	2.512	62	91709	47.272	ug/l	99
5) Bromomethane	2.901	94	49834	48.482	ug/l	89
6) Chloroethane	3.071	64	60820	50.664	ug/l	96
7) Trichlorofluoromethane	3.465	101	168977	52.875	ug/l	99
8) Diethyl Ether	3.953	74	63268	56.121	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.353	101	98976	54.810	ug/l	97
10) Methyl Iodide	4.571	142	121173	50.207	ug/l	97
11) Tert butyl alcohol	5.536	59	98527	329.368	ug/l	99
12) 1,1-Dichloroethene	4.324	96	90050	50.396	ug/l	97
13) Acrolein	4.171	56	74528	249.848	ug/l	98
14) Allyl chloride	5.006	41	157248	54.265	ug/l	94
15) Acrylonitrile	5.712	53	263825	304.650	ug/l	98
16) Acetone	4.424	43	219423	336.167	ug/l	95
17) Carbon Disulfide	4.700	76	213315	38.766	ug/l	98
18) Methyl Acetate	5.018	43	142708	60.517	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	339035	61.904	ug/l	99
20) Methylene Chloride	5.259	84	104110	52.232	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	92501	50.416	ug/l	99
22) Diisopropyl ether	6.665	45	334631	58.116	ug/l	97
23) Vinyl Acetate	6.594	43	1214796	305.936	ug/l	98
24) 1,1-Dichloroethane	6.559	63	191773	55.475	ug/l	99
25) 2-Butanone	7.483	43	351346	332.311	ug/l	99
26) 2,2-Dichloropropane	7.483	77	180983	60.151	ug/l	100
27) cis-1,2-Dichloroethene	7.477	96	118935	55.516	ug/l	96
28) Bromochloromethane	7.806	49	70329	51.064	ug/l	96
29) Tetrahydrofuran	7.836	42	213586	304.507	ug/l	93
30) Chloroform	7.959	83	203260	57.768	ug/l	100
31) Cyclohexane	8.247	56	145217	46.413	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	183648	57.345	ug/l	97
36) 1,1-Dichloropropene	8.365	75	130775	53.185	ug/l	99
37) Ethyl Acetate	7.553	43	135473	60.726	ug/l	97
38) Carbon Tetrachloride	8.359	117	158823	57.788	ug/l	99
39) Methylcyclohexane	9.600	83	140064	55.993	ug/l	97
40) Benzene	8.600	78	423803	53.670	ug/l	100

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Manual Integrations APPROVED

Reviewed By : John Carlone 11/22/2024
 Supervised By : Mahesh Dadoda 11/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	76600	63.850	ug/l	97
42) 1,2-Dichloroethane	8.671	62	146254	57.190	ug/l	100
43) Isopropyl Acetate	8.688	43	251654	61.278	ug/l	100
44) Trichloroethene	9.347	130	98149	53.895	ug/l	98
45) 1,2-Dichloropropane	9.618	63	106402	57.441	ug/l	100
46) Dibromomethane	9.706	93	75150	57.494	ug/l	99
47) Bromodichloromethane	9.882	83	159911	58.038	ug/l	99
48) Methyl methacrylate	9.677	41	111176	64.032	ug/l	98
49) 1,4-Dioxane	9.694	88	40244	1308.007	ug/l #	82
51) 4-Methyl-2-Pentanone	10.441	43	701880	330.030	ug/l	99
52) Toluene	10.629	92	262809	56.906	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	163935	57.480	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	175243	58.056	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	100467	57.751	ug/l	97
56) Ethyl methacrylate	10.871	69	168548	66.982	ug/l	97
57) 1,3-Dichloropropane	11.159	76	173149	57.994	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	317173	269.367	ug/l	97
59) 2-Hexanone	11.194	43	534881	345.529	ug/l	98
60) Dibromochloromethane	11.359	129	122055	61.561	ug/l	100
61) 1,2-Dibromoethane	11.465	107	103573	58.139	ug/l	100
64) Tetrachloroethene	11.100	164	83217	54.178	ug/l	97
65) Chlorobenzene	11.888	112	285830	55.329	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	107853	60.021	ug/l	97
67) Ethyl Benzene	11.965	91	503551	58.395	ug/l	99
68) m/p-Xylenes	12.071	106	382074	117.034	ug/l	100
69) o-Xylene	12.394	106	186229	60.979	ug/l	99
70) Styrene	12.412	104	324567	60.923	ug/l	99
71) Bromoform	12.576	173	82242	60.825	ug/l #	96
73) Isopropylbenzene	12.694	105	484232	58.872	ug/l	100
74) N-amyl acetate	12.494	43	213172	60.892	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	153851	56.038	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	124662m	53.133	ug/l	
77) Bromobenzene	12.982	156	116508	52.690	ug/l	96
78) n-propylbenzene	13.035	91	557690	57.860	ug/l	98
79) 2-Chlorotoluene	13.123	91	352474	55.967	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	410507	60.216	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	54024	54.627	ug/l	96
82) 4-Chlorotoluene	13.218	91	357810	53.985	ug/l	99
83) tert-Butylbenzene	13.435	119	357726	63.404	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	424415	60.320	ug/l	97
85) sec-Butylbenzene	13.612	105	475373	59.647	ug/l	99
86) p-Isopropyltoluene	13.729	119	406059	62.125	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	220876	51.184	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	223550	56.735	ug/l	98
89) n-Butylbenzene	14.053	91	350931	57.397	ug/l	100
90) Hexachloroethane	14.335	117	77311	53.039	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	221803	53.489	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31660	56.923	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	121241	53.417	ug/l	99
94) Hexachlorobutadiene	15.500	225	55078	55.259	ug/l	97
95) Naphthalene	15.641	128	386679	56.918	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	116984	53.096	ug/l	99

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VSTDCCC050

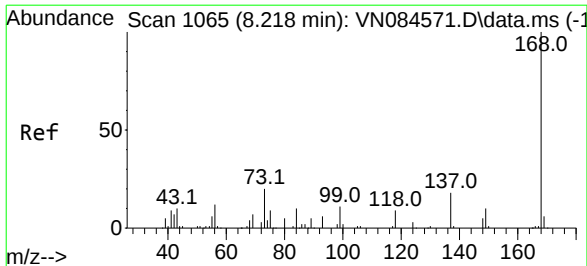
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 04:33:46 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

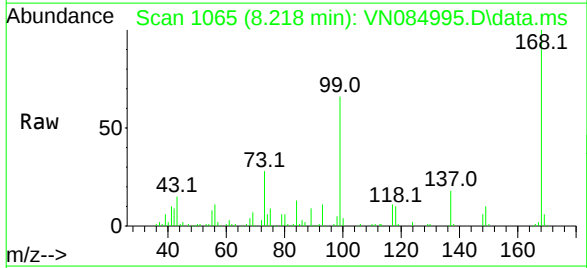
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

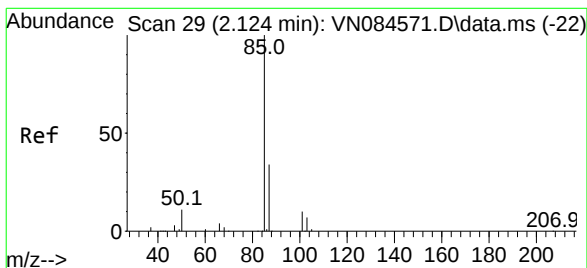
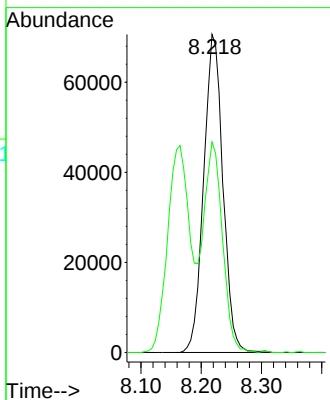
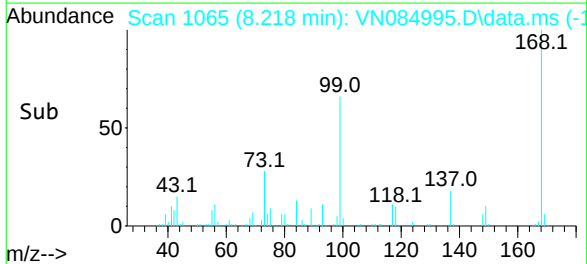
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



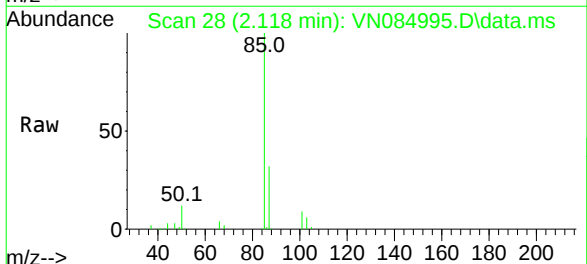
Tgt Ion:168 Resp: 156906
Ion Ratio Lower Upper
168 100
99 66.2 54.2 81.2

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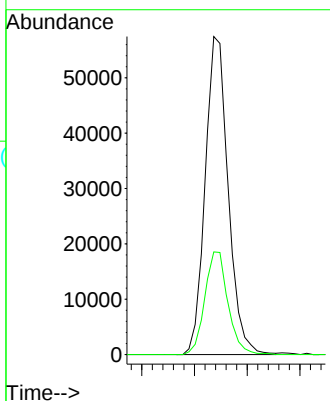
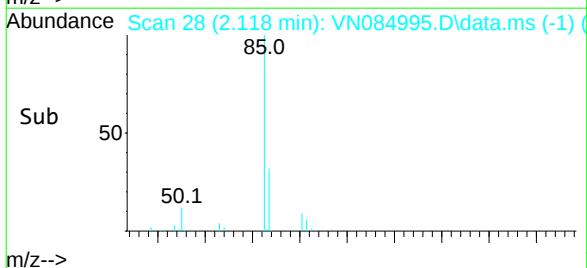
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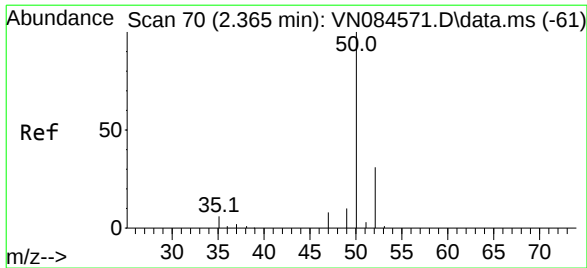


#2
Dichlorodifluoromethane
Concen: 48.325 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.006 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22



Tgt Ion: 85 Resp: 87167
Ion Ratio Lower Upper
85 100
87 32.3 17.6 52.9





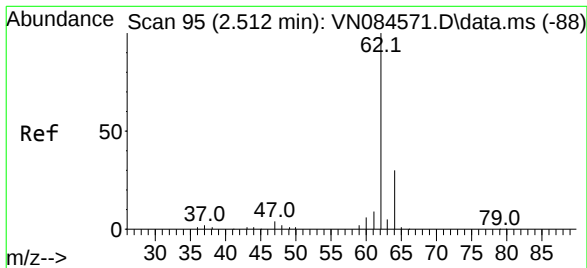
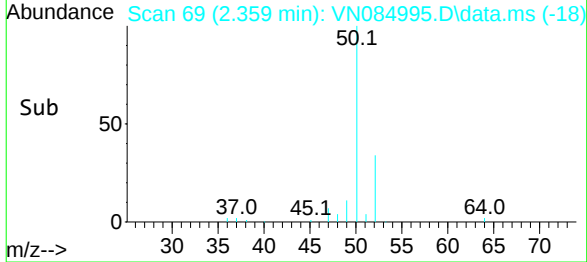
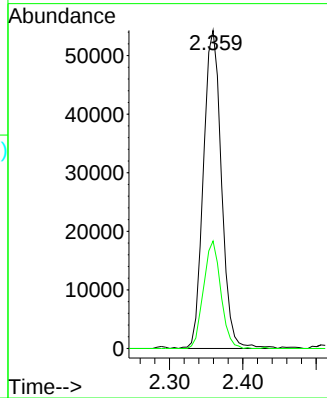
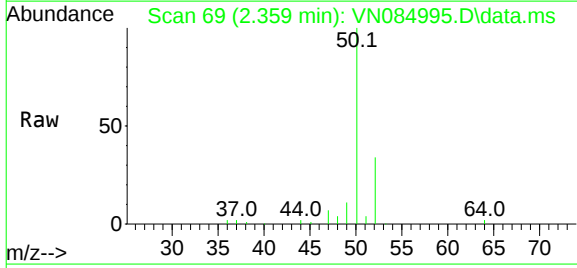
#3
Chloromethane
Concen: 43.552 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Instrument :
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VSTDCCC050

Tgt Ion: 50 Resp: 92867
Ion Ratio Lower Upper
50 100
52 33.8 26.8 40.2

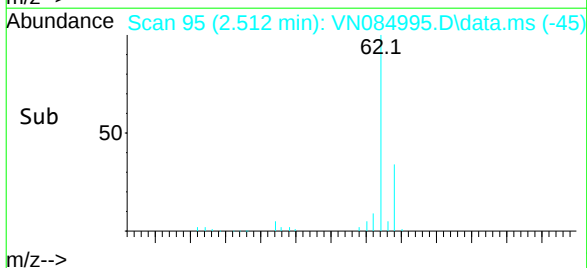
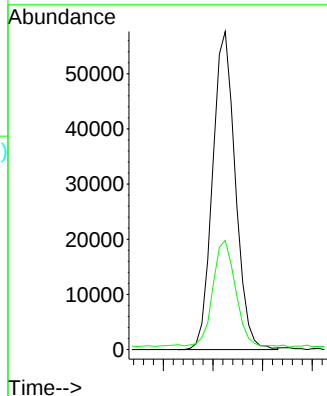
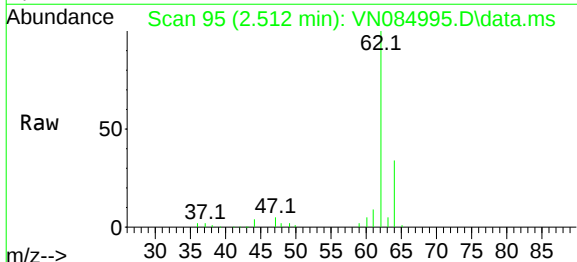
Manual Integrations
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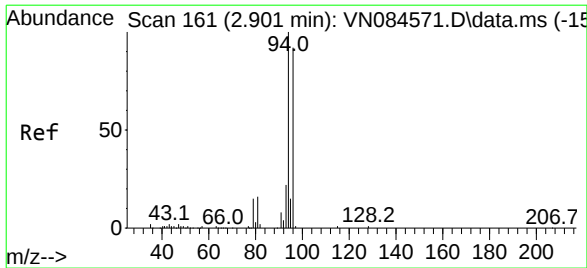
Reviewed By :John Carlone 11/22/2024
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#4
Vinyl Chloride
Concen: 47.272 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion: 62 Resp: 91709
Ion Ratio Lower Upper
62 100
64 33.2 26.2 39.4





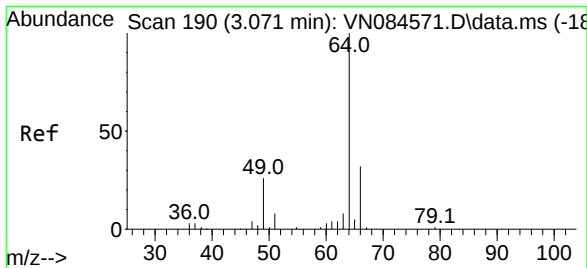
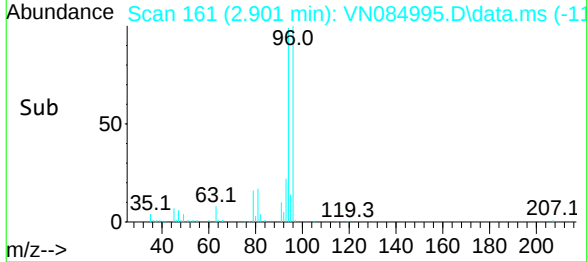
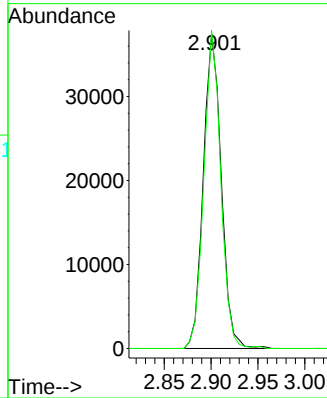
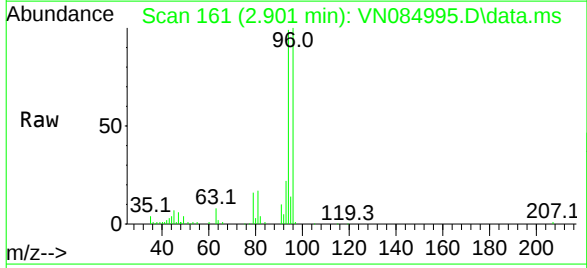
#5
Bromomethane
Concen: 48.482 ug/l
RT: 2.901 min Scan# 161
Delta R.T. -0.052 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Instrument :
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Tgt Ion: 94 Resp: 49834
Ion Ratio Lower Upper
94 100
96 101.1 72.9 109.3

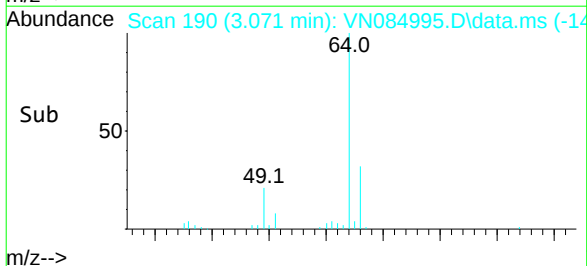
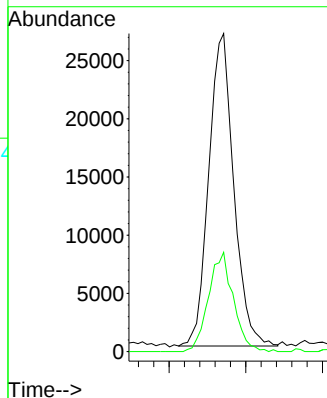
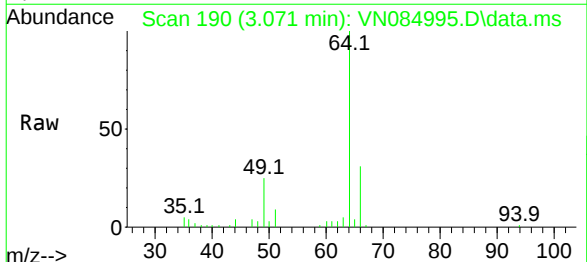
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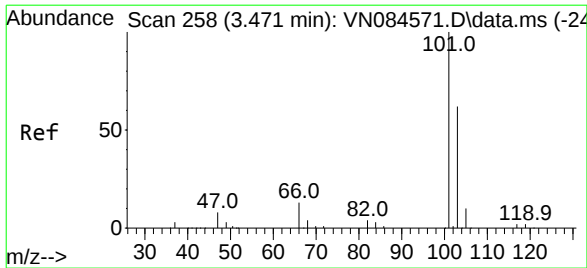
Reviewed By :John Carlone 11/22/2024
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#6
Chloroethane
Concen: 50.664 ug/l
RT: 3.071 min Scan# 190
Delta R.T. -0.047 min
Lab File: VN084995.D
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Tgt Ion: 64 Resp: 60820
Ion Ratio Lower Upper
64 100
66 31.8 23.5 35.3





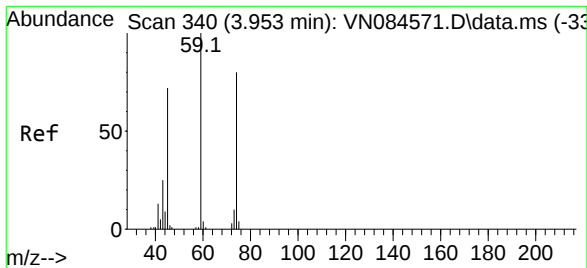
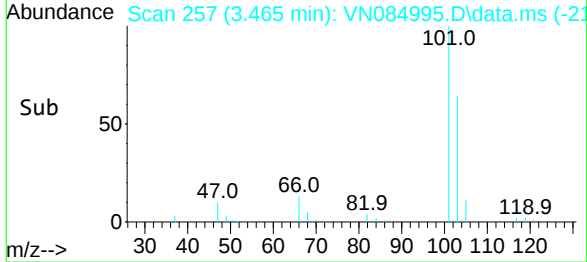
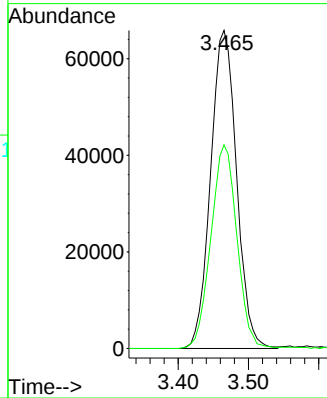
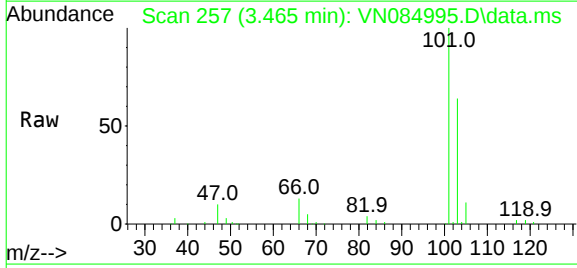
Trichlorofluoromethane
Concen: 52.875 ug/l
RT: 3.465 min Scan# 258
Delta R.T. -0.030 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Instrument :
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ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 168977
Ion Ratio Lower Upper
101 100
103 64.0 51.8 77.6

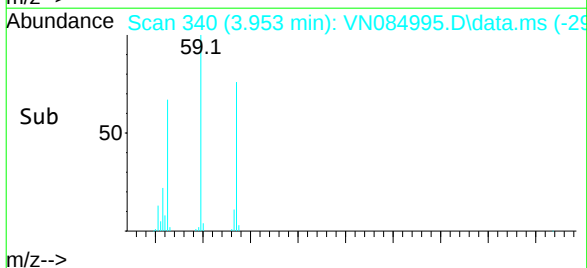
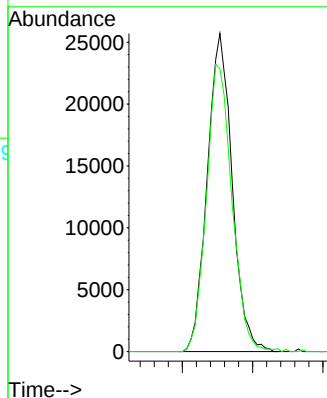
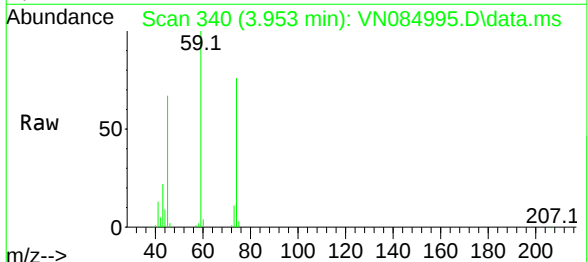
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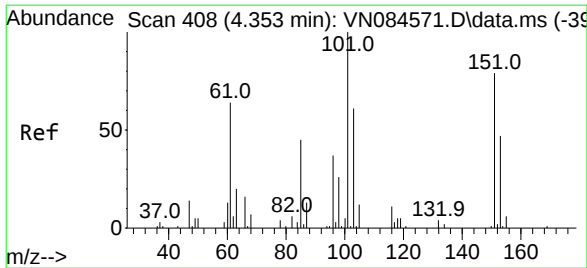
Reviewed By :John Carlone 11/22/2024
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Diethyl Ether
Concen: 56.121 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 63268
Ion Ratio Lower Upper
74 100
45 92.6 47.7 143.1





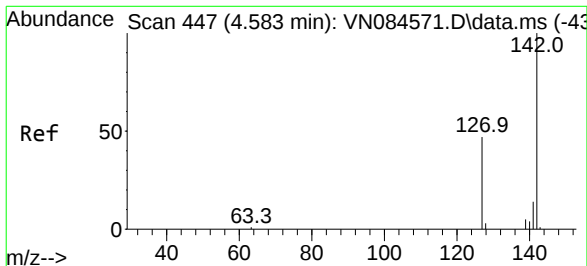
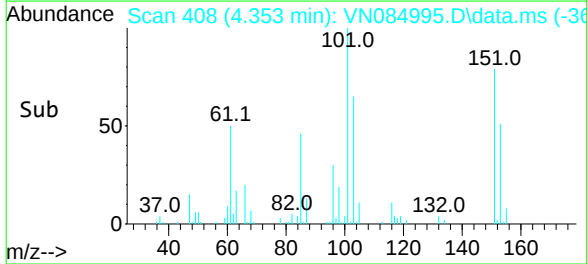
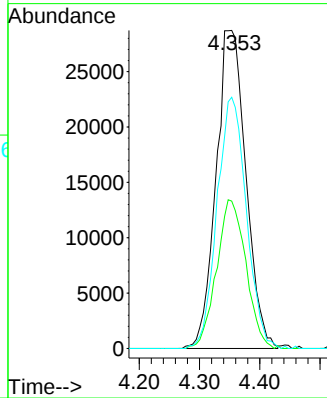
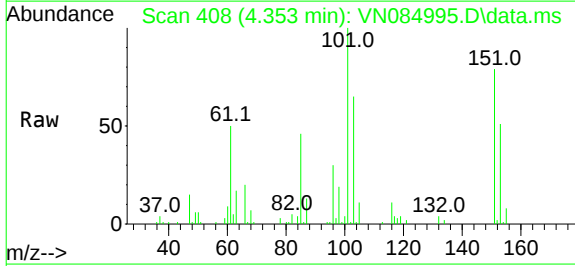
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.810 ug/l
RT: 4.353 min Scan# 408
Delta R.T. -0.018 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	101	Resp:	98976
Ion Ratio	Lower	Upper	
101	100		
85	45.9	36.2	54.4
151	77.4	59.3	88.9

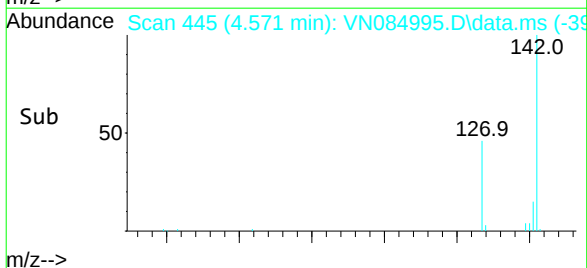
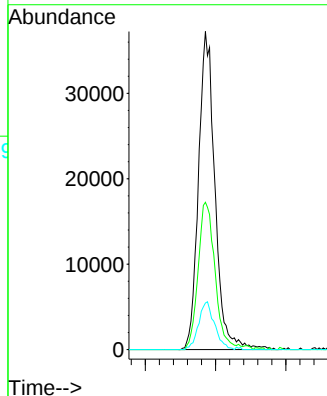
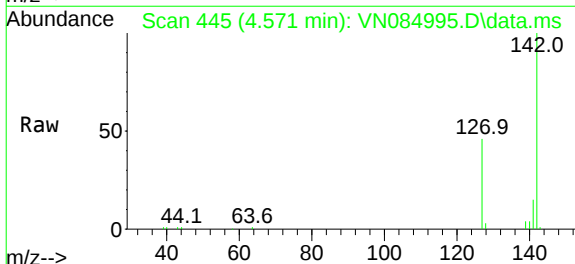
Manual Integrations
APPROVED

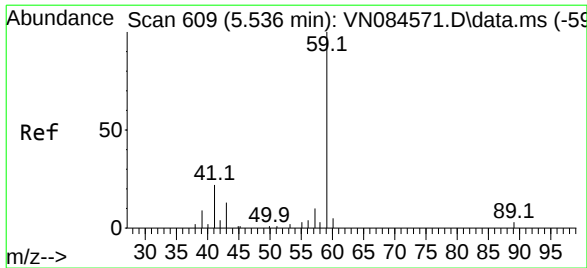
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#10
Methyl Iodide
Concen: 50.207 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.024 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

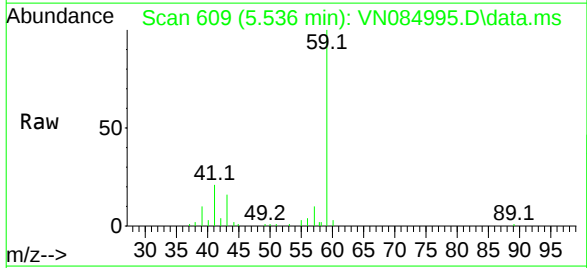
Tgt Ion:	142	Resp:	121173
Ion Ratio	Lower	Upper	
142	100		
127	46.3	35.3	52.9
141	14.7	11.0	16.6





#11
Tert butyl alcohol
Concen: 329.368 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.012 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

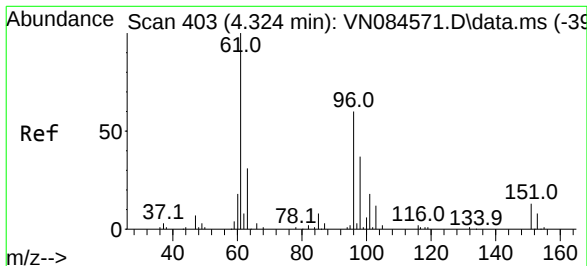
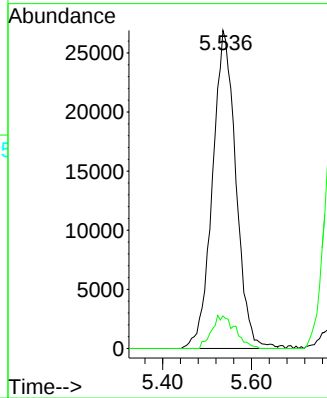
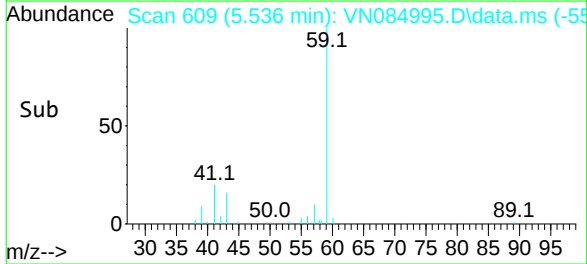
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 98527
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2

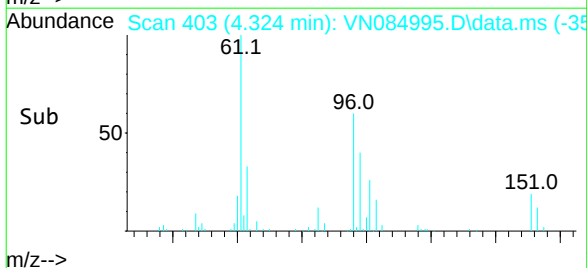
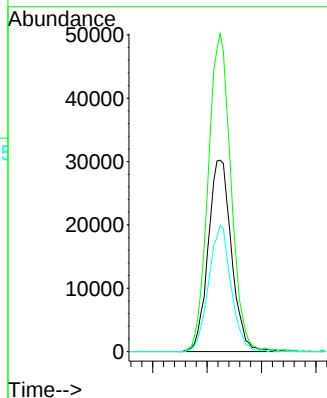
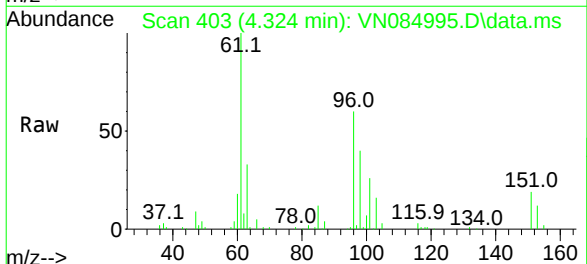
Manual Integrations
APPROVED

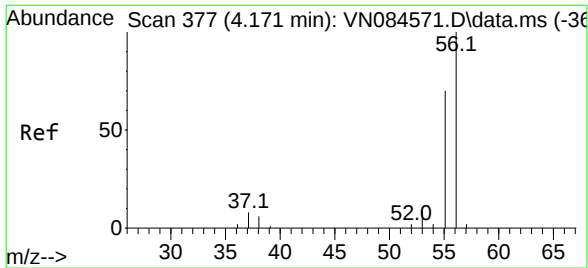
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#12
1,1-Dichloroethene
Concen: 50.396 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.018 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion: 96 Resp: 90050
Ion Ratio Lower Upper
96 100
61 166.1 128.6 192.8
98 66.0 51.7 77.5





#13
 Acrolein
 Concen: 249.848 ug/l
 RT: 4.171 min Scan# 377
 Delta R.T. -0.006 min
 Lab File: VN084995.D
 Acq: 21 Nov 2024 15:22

Instrument :

MSVOA_N

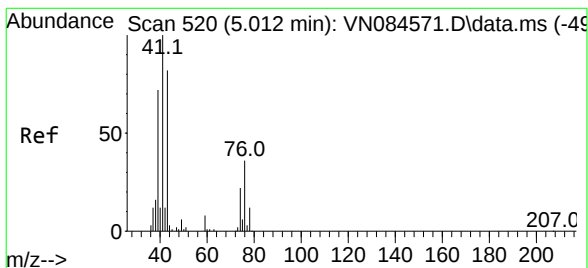
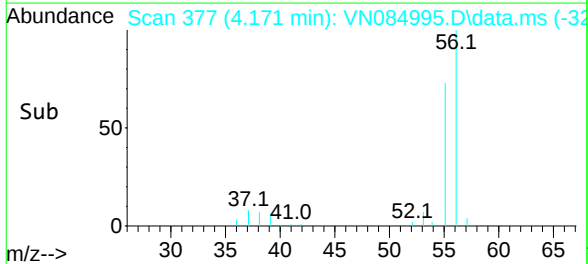
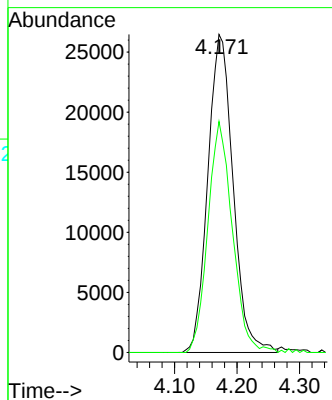
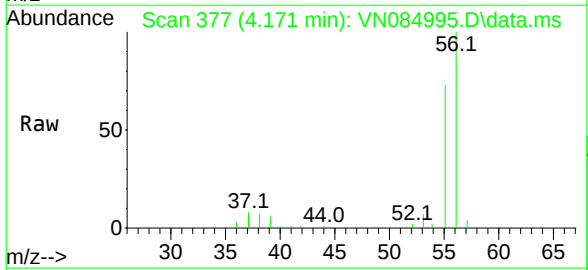
ClientSampleId :

VSTDCCC050

Tgt Ion:	56	Resp:	74528
Ion	Ratio	Lower	Upper
56	100		
55	70.3	57.2	85.8

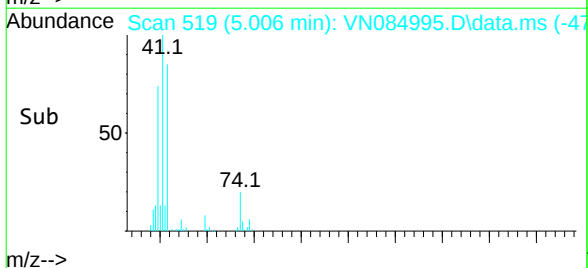
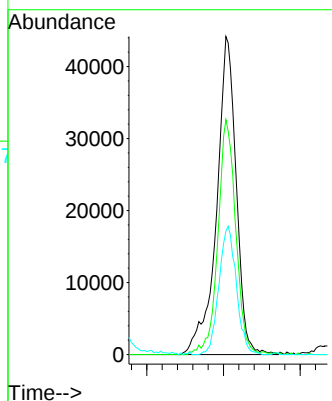
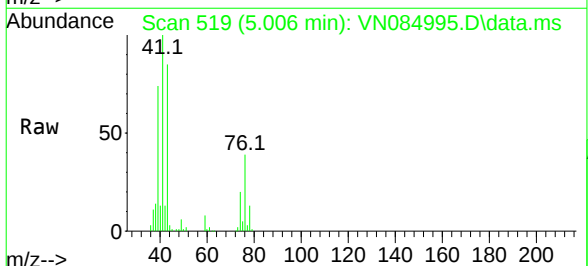
Manual Integrations
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Reviewed By :John Carlone 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024



#14
 Allyl chloride
 Concen: 54.265 ug/l
 RT: 5.006 min Scan# 519
 Delta R.T. -0.018 min
 Lab File: VN084995.D
 Acq: 21 Nov 2024 15:22

Tgt Ion:	41	Resp:	157248
Ion	Ratio	Lower	Upper
41	100		
39	66.8	59.0	88.6
76	35.8	29.8	44.6





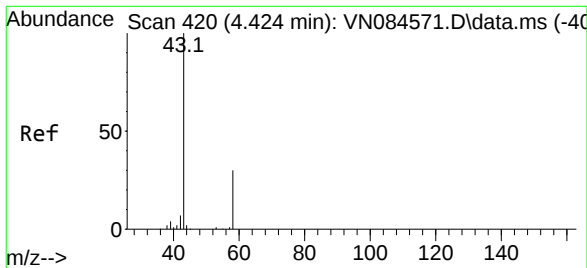
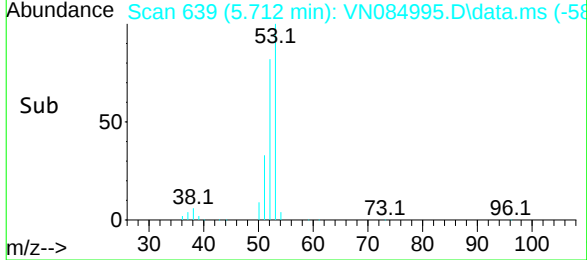
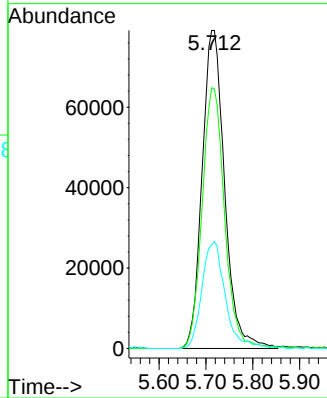
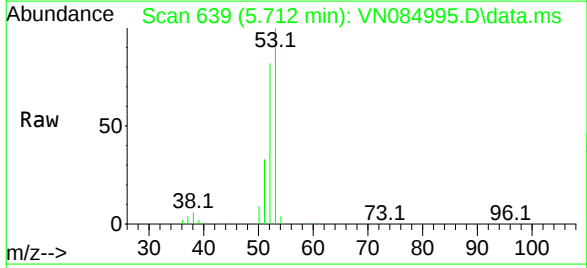
#15
Acrylonitrile
Concen: 304.650 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 263825
Ion Ratio Lower Upper
53 100
52 81.4 66.2 99.4
51 35.0 28.8 43.2

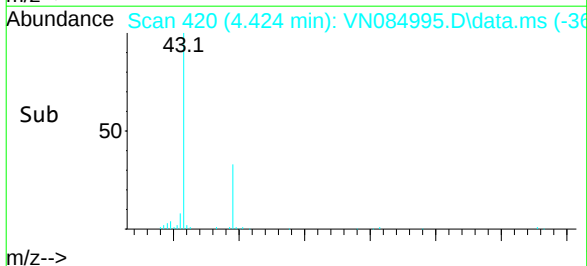
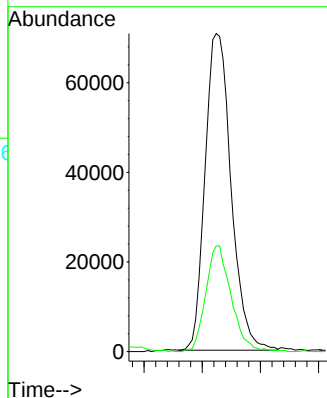
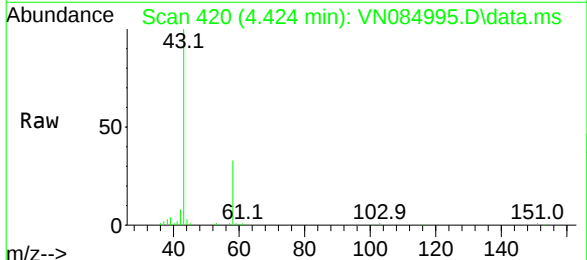
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APPROVED

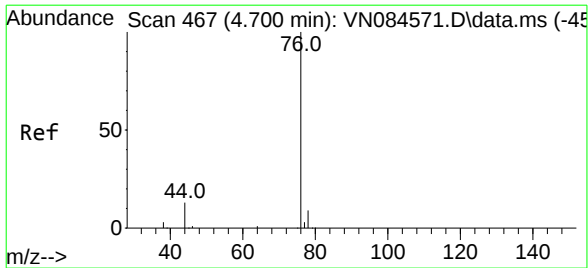
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#16
Acetone
Concen: 336.167 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

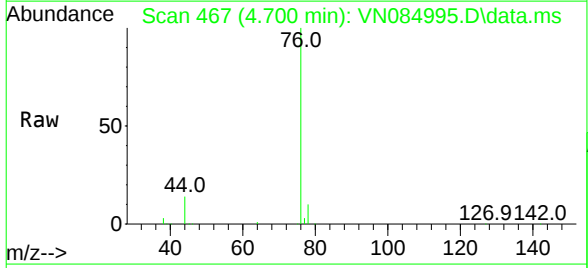
Tgt Ion: 43 Resp: 219423
Ion Ratio Lower Upper
43 100
58 33.3 24.4 36.6





#17
Carbon Disulfide
Concen: 38.766 ug/l
RT: 4.700 min Scan# 46
Delta R.T. -0.012 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

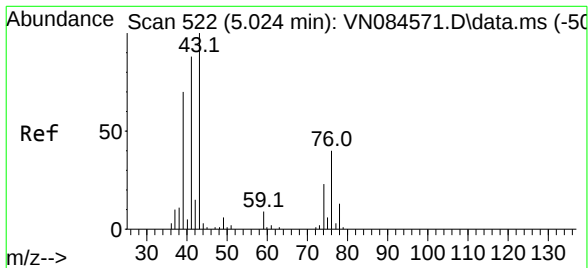
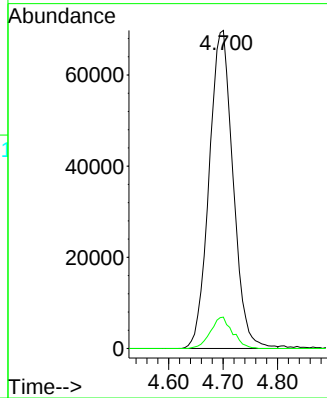
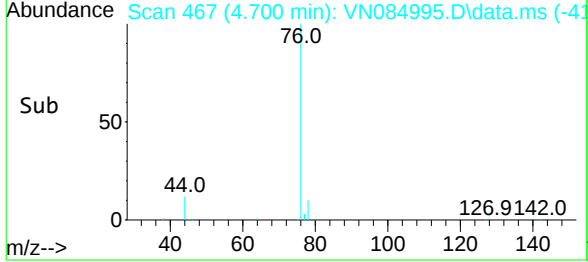
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 213315
Ion Ratio Lower Upper
76 100
78 9.9 7.3 10.9

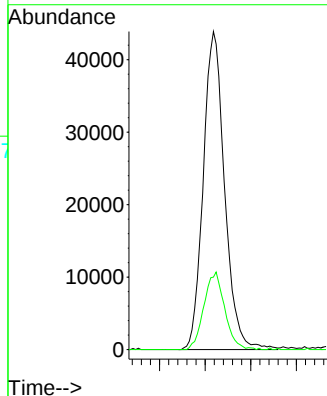
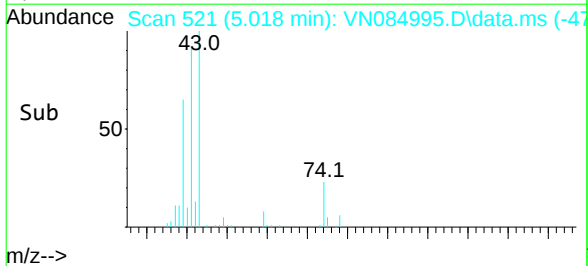
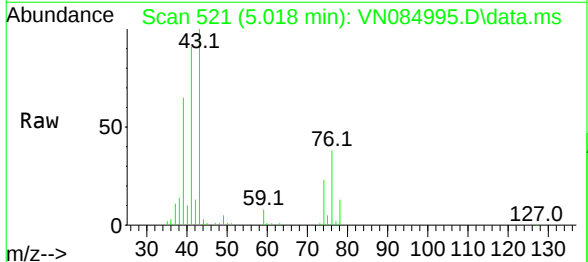
Manual Integrations
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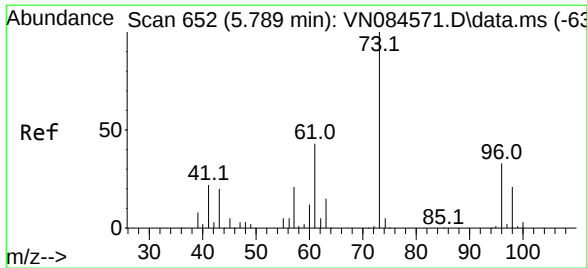
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#18
Methyl Acetate
Concen: 60.517 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion: 43 Resp: 142708
Ion Ratio Lower Upper
43 100
74 23.7 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 61.904 ug/l

RT: 5.794 min Scan# 65

Delta R.T. 0.000 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 339035

Ion Ratio Lower Upper

73 100

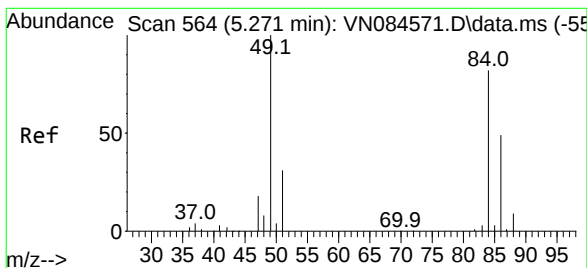
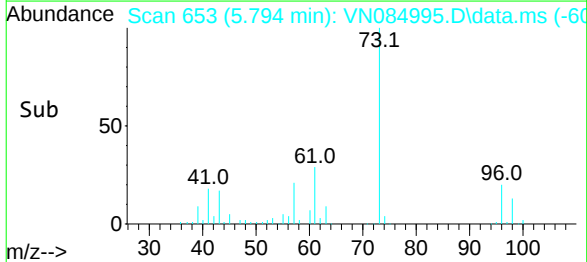
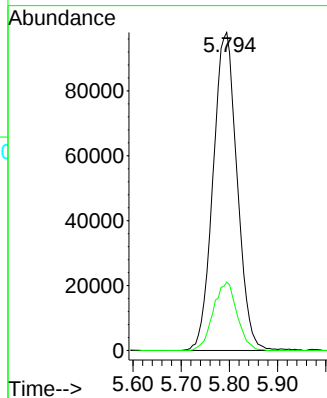
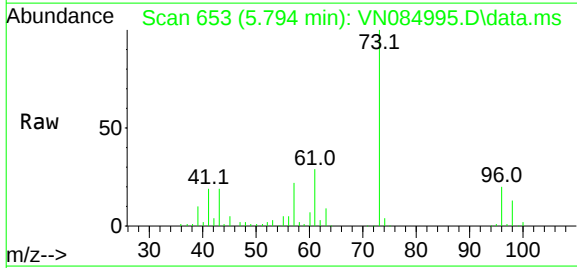
57 21.5 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#20

Methylene Chloride

Concen: 52.232 ug/l

RT: 5.259 min Scan# 562

Delta R.T. -0.018 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

Tgt Ion: 84 Resp: 104110

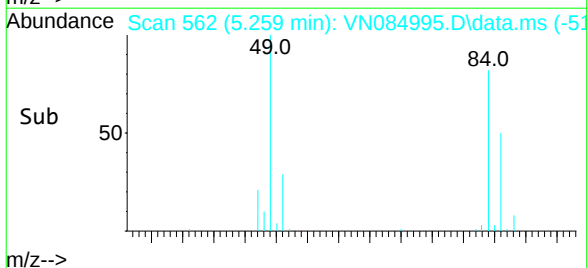
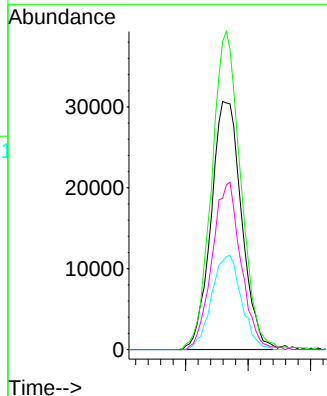
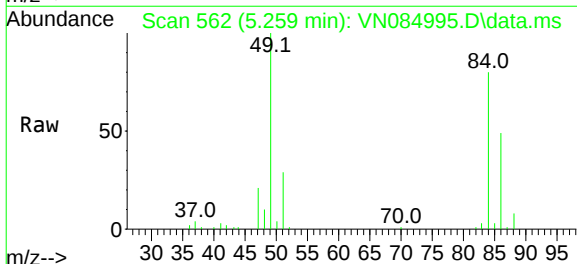
Ion Ratio Lower Upper

84 100

49 124.3 107.2 160.8

51 35.5 31.8 47.8

86 61.0 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 50.416 ug/l

RT: 5.783 min Scan# 65

Delta R.T. -0.006 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 92501

Ion Ratio Lower Upper

96 100

61 135.3 108.4 162.6

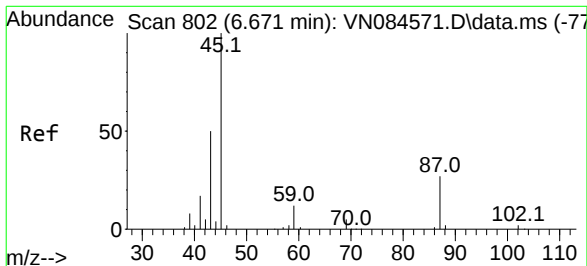
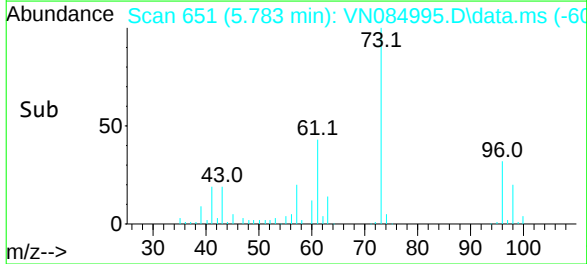
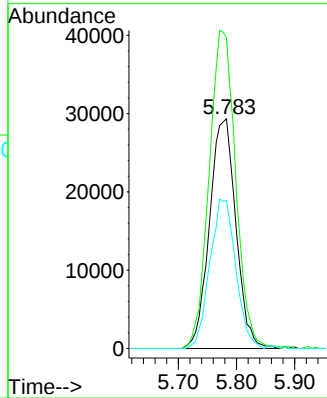
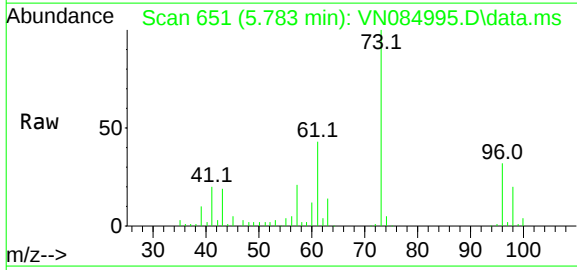
98 64.5 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#22

Diisopropyl ether

Concen: 58.116 ug/l

RT: 6.665 min Scan# 801

Delta R.T. -0.006 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

Tgt Ion: 45 Resp: 334631

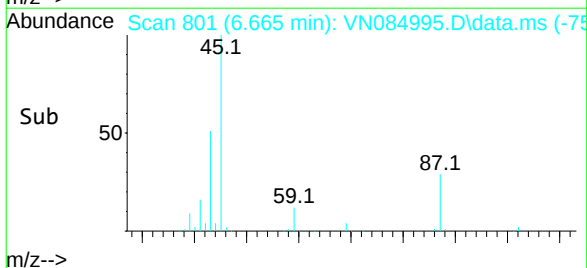
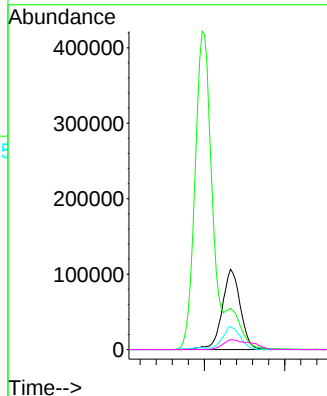
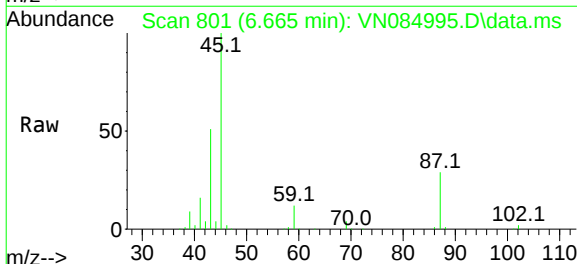
Ion Ratio Lower Upper

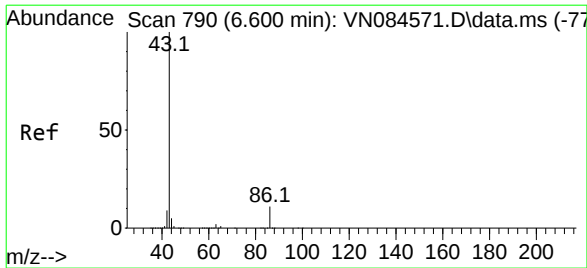
45 100

43 50.4 42.3 63.5

87 28.7 21.8 32.6

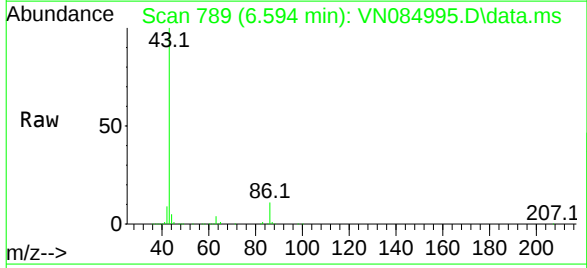
59 12.1 9.6 14.4





#23
 Vinyl Acetate
 Concen: 305.936 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN084995.D
 Acq: 21 Nov 2024 15:22

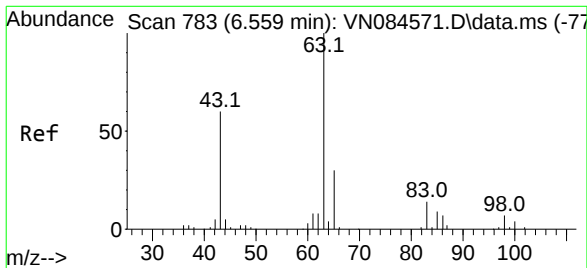
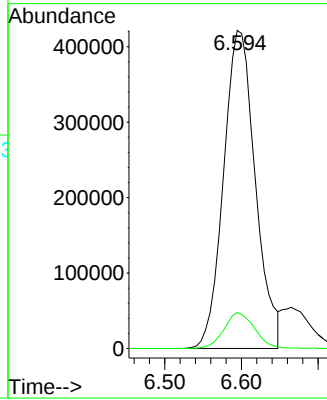
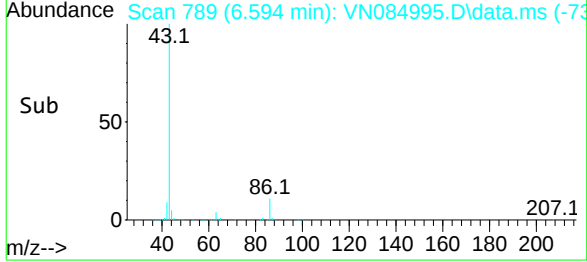
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



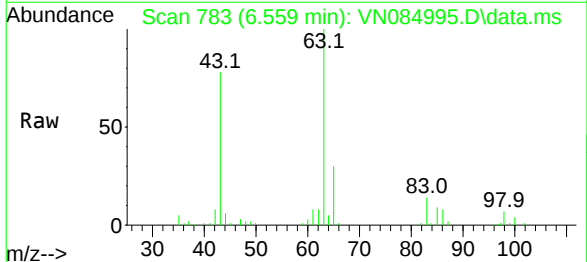
Tgt Ion: 43 Resp: 1214796
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.6 12.8

Manual Integrations
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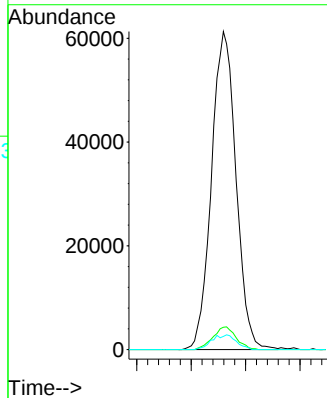
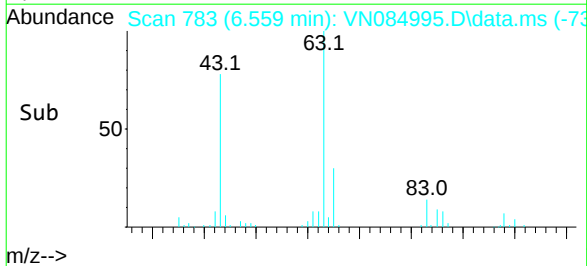
Reviewed By :John Carlone 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024



#24
 1,1-Dichloroethane
 Concen: 55.475 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.012 min
 Lab File: VN084995.D
 Acq: 21 Nov 2024 15:22



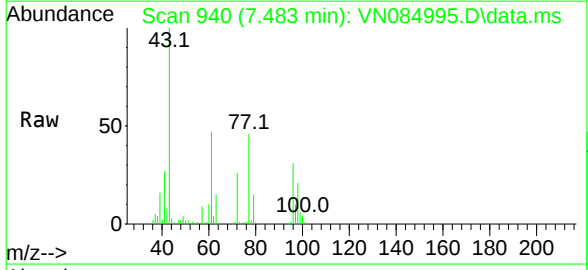
Tgt Ion: 63 Resp: 191773
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.2
 100 4.1 2.0 5.8





#25
2-Butanone
Concen: 332.311 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

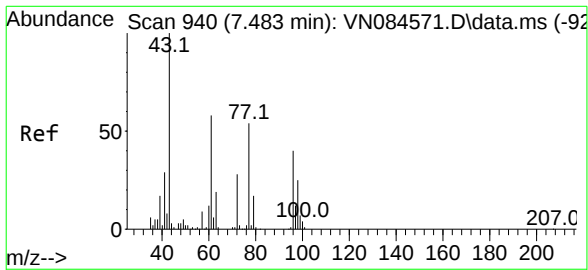
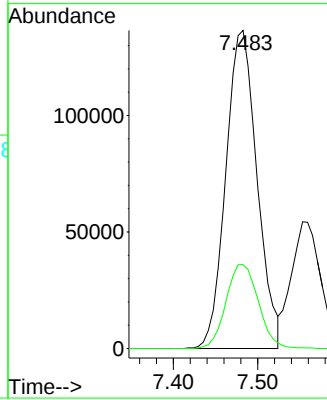
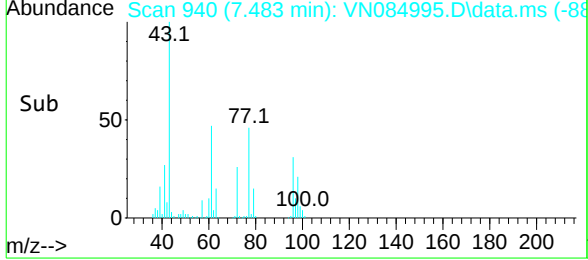
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



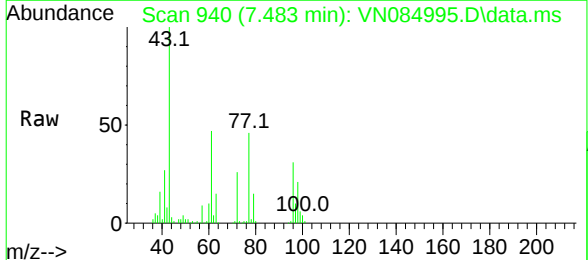
Tgt Ion: 43 Resp: 351346
Ion Ratio Lower Upper
43 100
72 26.4 21.4 32.2

Manual Integrations
APPROVED

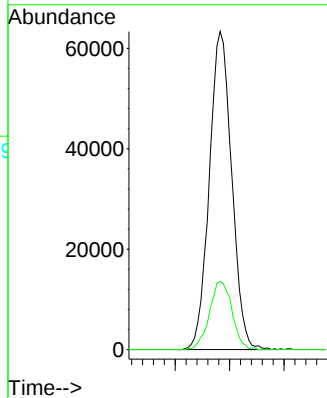
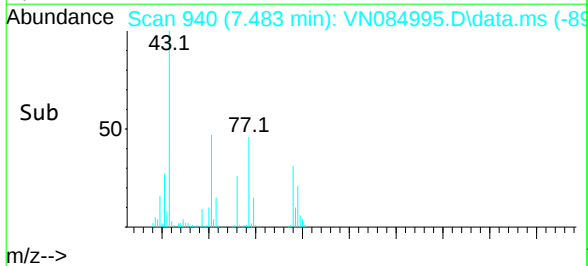
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#26
2,2-Dichloropropane
Concen: 60.151 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22



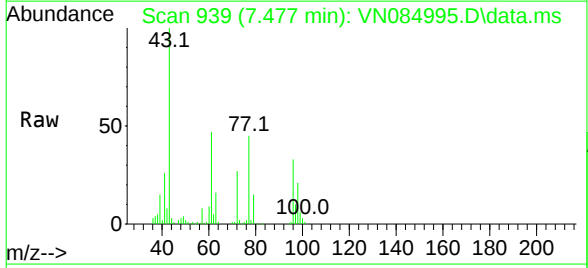
Tgt Ion: 77 Resp: 180983
Ion Ratio Lower Upper
77 100
97 21.6 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 55.516 ug/l
 RT: 7.477 min Scan# 935
 Delta R.T. -0.012 min
 Lab File: VN084995.D
 Acq: 21 Nov 2024 15:22

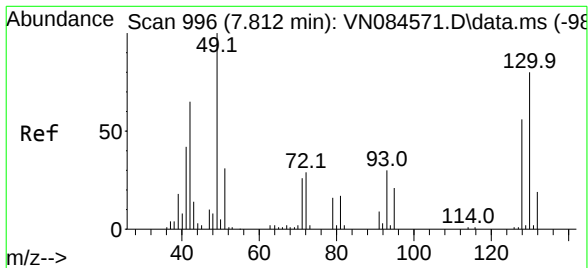
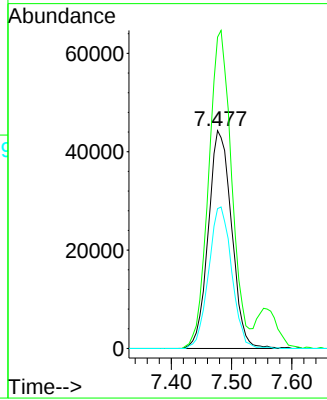
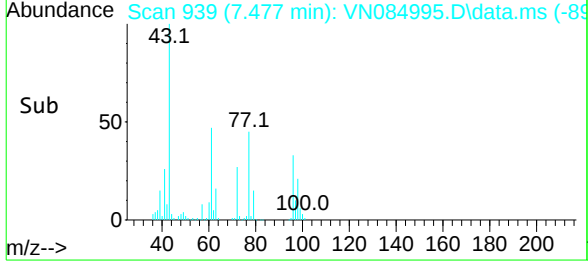
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 118935
 Ion Ratio Lower Upper
 96 100
 61 144.0 0.0 301.8
 98 64.6 0.0 128.2

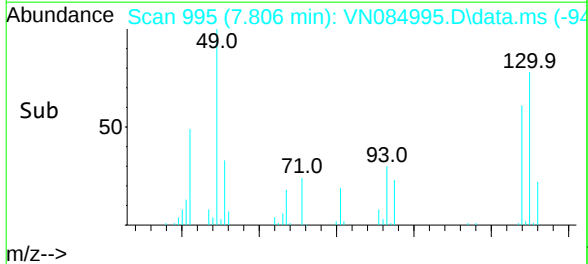
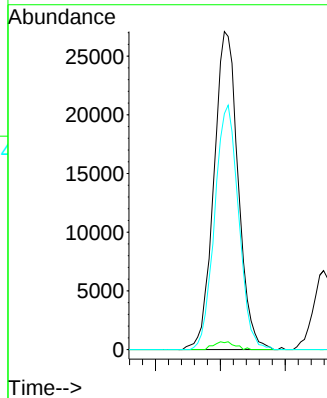
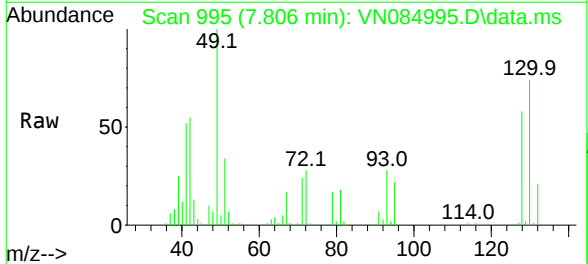
Manual Integrations
 APPROVED

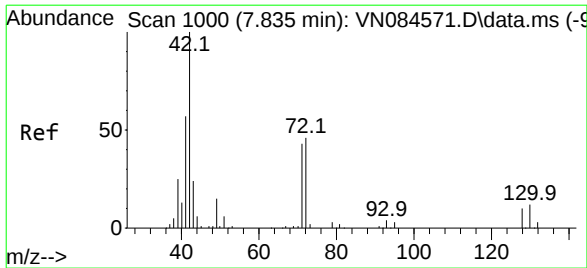
Reviewed By :John Carlone 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024



#28
 Bromochloromethane
 Concen: 51.064 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN084995.D
 Acq: 21 Nov 2024 15:22

Tgt Ion: 49 Resp: 70329
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.6
 130 75.8 58.0 87.0





#29

Tetrahydrofuran

Concen: 304.507 ug/l

RT: 7.836 min Scan# 10

Delta R.T. 0.000 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

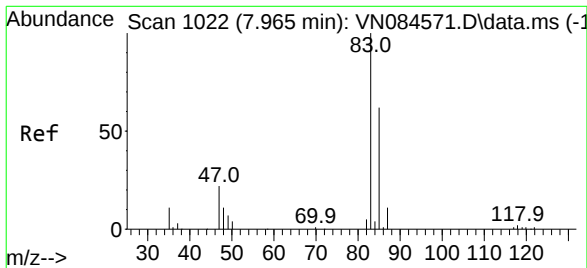
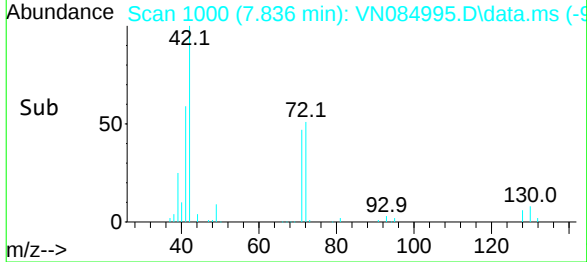
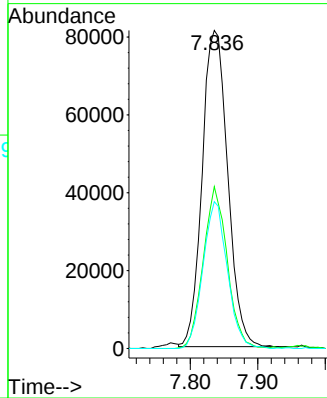
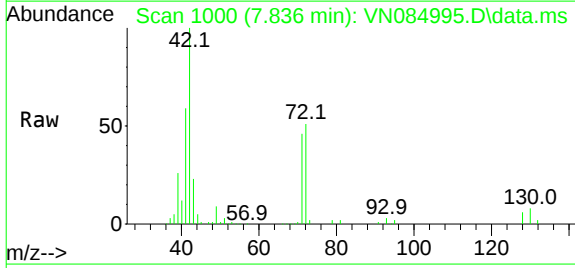
Tgt Ion:	42	Resp:	213586
Ion	Ratio	Lower	Upper
42	100		
72	48.0	34.6	51.8
71	44.3	32.2	48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#30

Chloroform

Concen: 57.768 ug/l

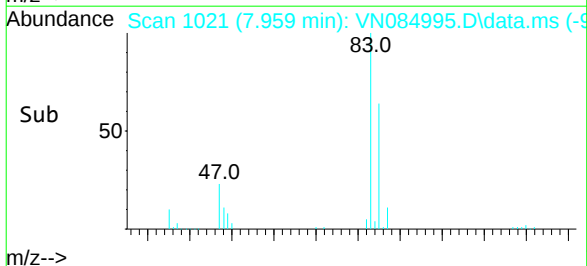
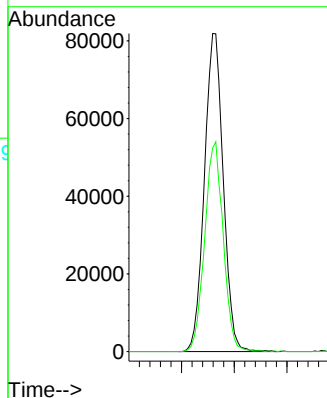
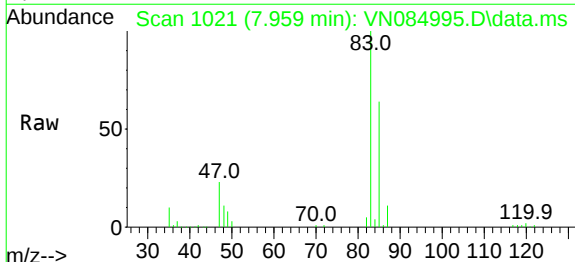
RT: 7.959 min Scan# 1021

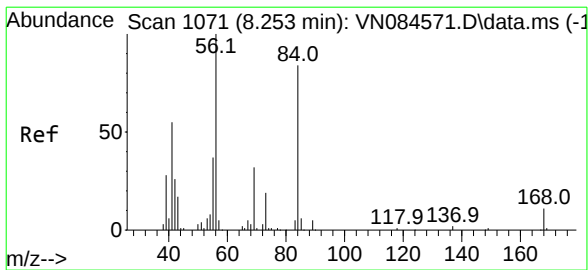
Delta R.T. -0.006 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

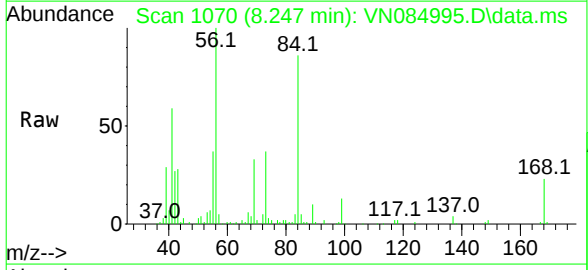
Tgt Ion:	83	Resp:	203260
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.0	76.4





#31
Cyclohexane
Concen: 46.413 ug/l
RT: 8.247 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

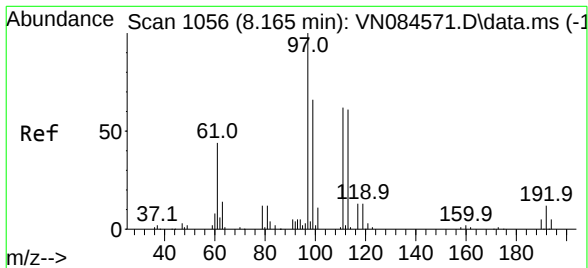
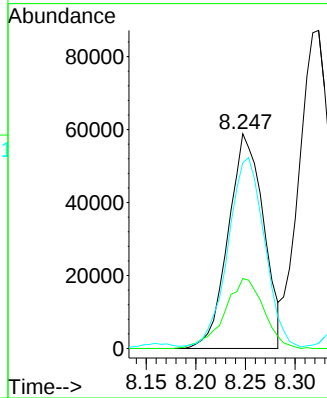
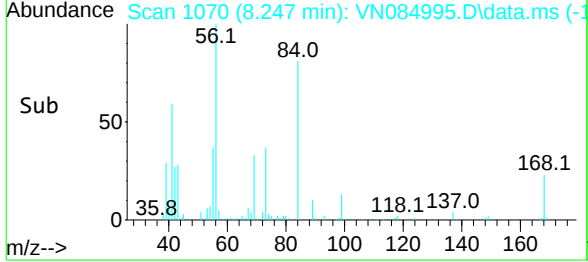
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



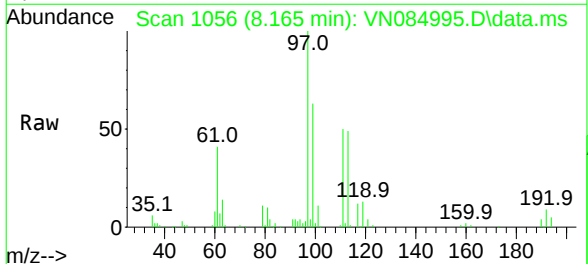
Tgt Ion: 56 Resp: 145217
Ion Ratio Lower Upper
56 100
69 32.3 23.8 35.6
84 85.4 68.8 103.2

Manual Integrations
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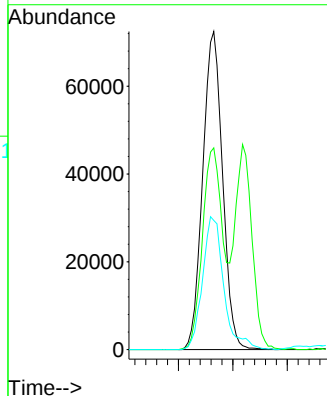
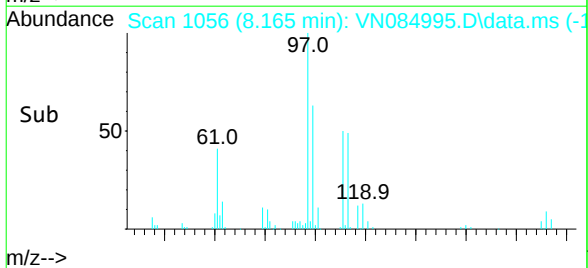
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

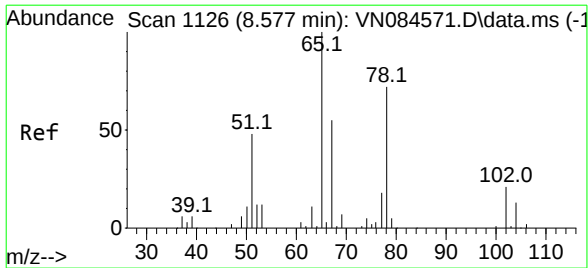


#32
1,1,1-Trichloroethane
Concen: 57.345 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22



Tgt Ion: 97 Resp: 183648
Ion Ratio Lower Upper
97 100
99 66.4 51.2 76.8
61 44.8 37.5 56.3





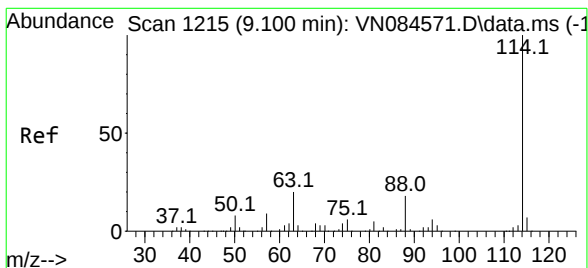
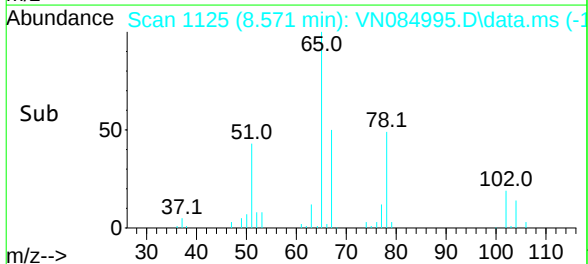
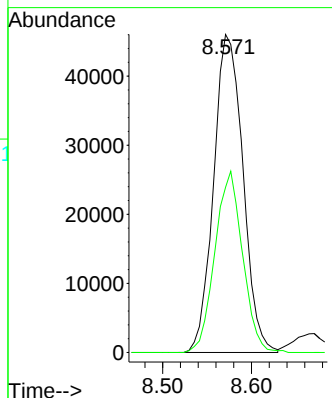
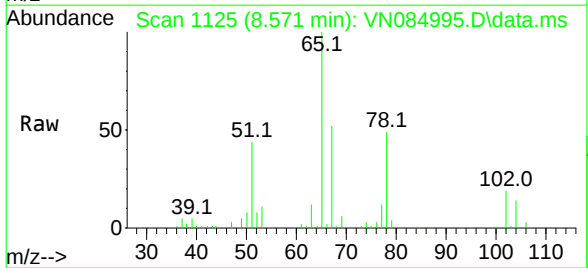
#33
1,2-Dichloroethane-d4
Concen: 46.624 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050

Tgt Ion: 65 Resp: 105661
Ion Ratio Lower Upper
65 100
67 53.8 0.0 102.0

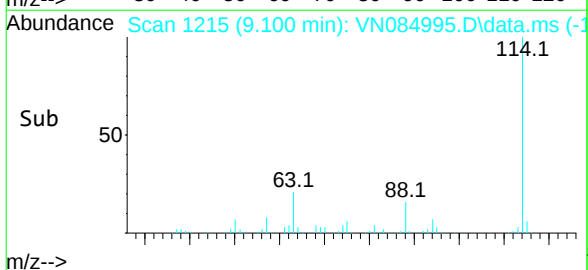
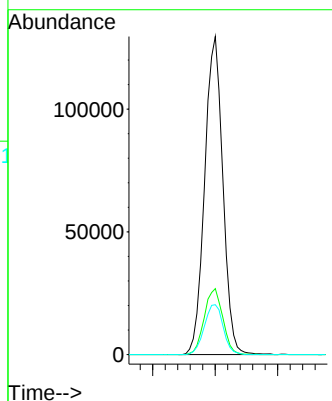
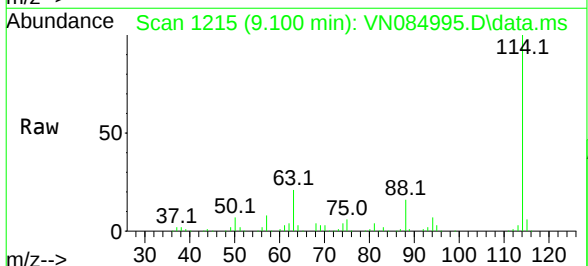
Manual Integrations
APPROVED

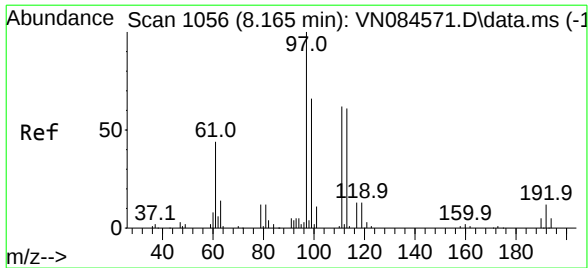
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion:114 Resp: 261929
Ion Ratio Lower Upper
114 100
63 20.7 0.0 43.8
88 15.7 0.0 31.6





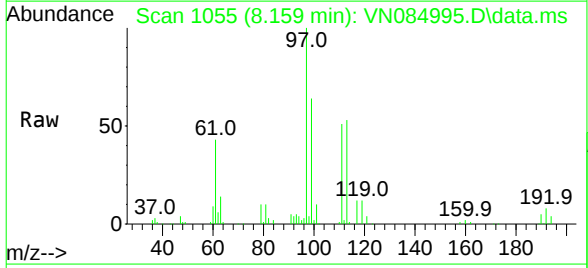
#35
 Dibromofluoromethane
 Concen: 48.959 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VN084995.D
 Acq: 21 Nov 2024 15:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



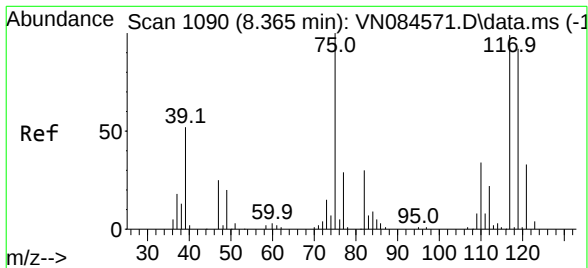
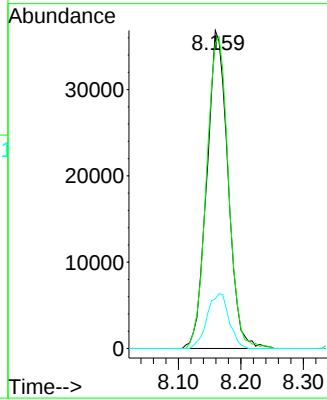
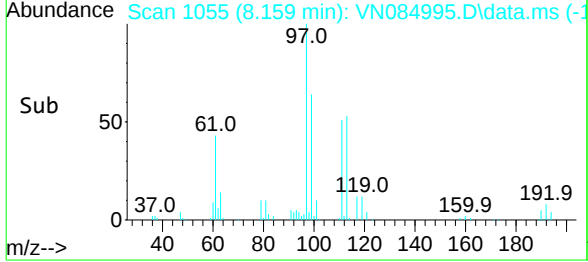
Tgt Ion: 113 Resp: 86801
 Ion Ratio Lower Upper
 113 100
 111 101.3 83.3 124.9
 192 17.8 13.5 20.3

Manual Integrations

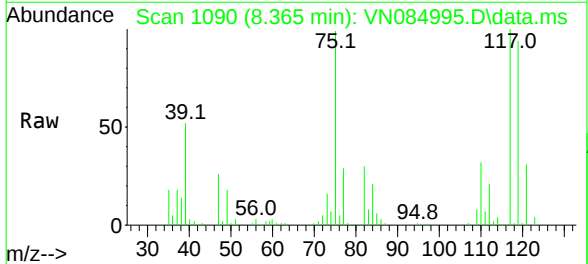
APPROVED

Reviewed By : John Carlone 11/22/2024

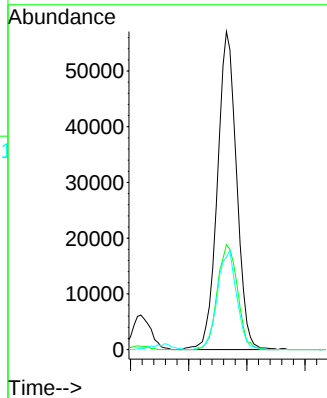
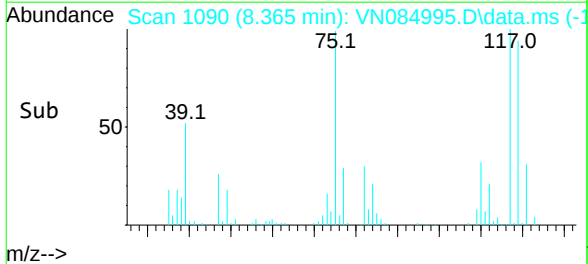
Supervised By : Mahesh Dadoda 11/22/2024

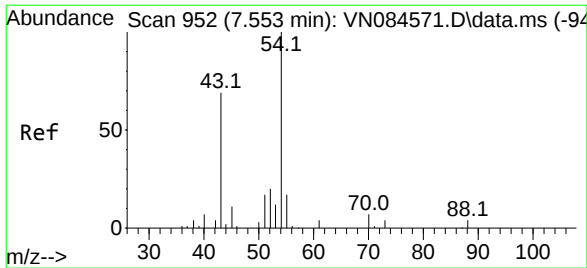


#36
 1,1-Dichloropropene
 Concen: 53.185 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: VN084995.D
 Acq: 21 Nov 2024 15:22



Tgt Ion: 75 Resp: 130775
 Ion Ratio Lower Upper
 75 100
 110 34.6 16.9 50.7
 77 31.6 24.7 37.1





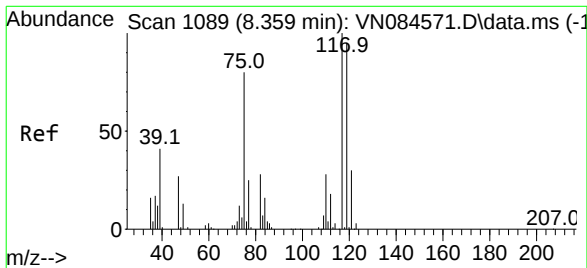
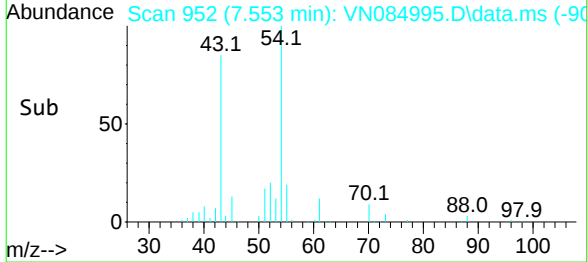
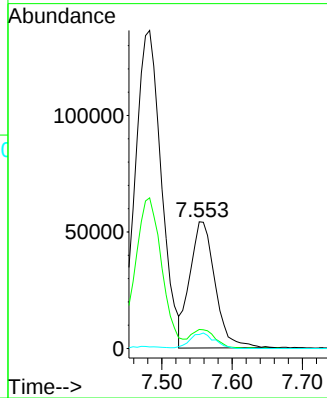
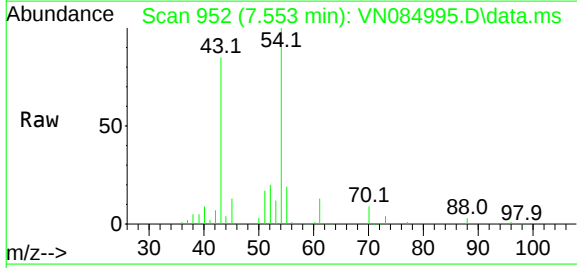
#37
Ethyl Acetate
Concen: 60.726 ug/l
RT: 7.553 min Scan# 952
Delta R.T. -0.006 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43	Resp: 135473
Ion Ratio	Lower Upper
43 100	
61 15.0	10.7 16.1
70 11.7	8.8 13.2

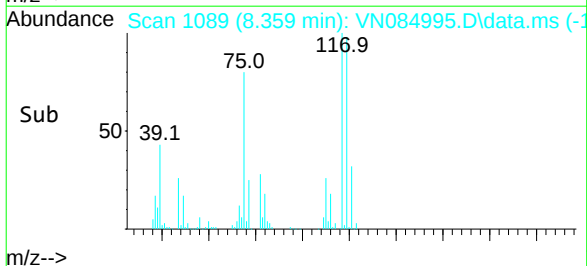
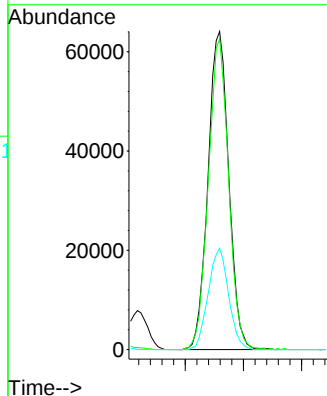
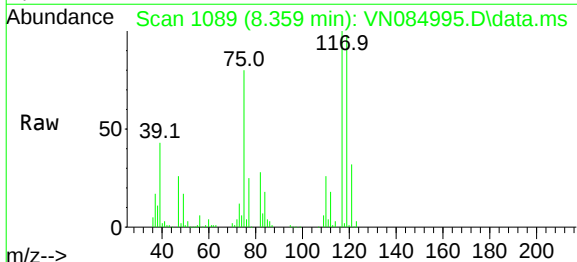
Manual Integrations
APPROVED

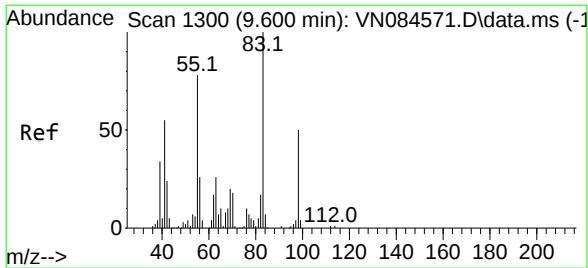
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#38
Carbon Tetrachloride
Concen: 57.788 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion: 117	Resp: 158823
Ion Ratio	Lower Upper
117 100	
119 97.6	78.7 118.1
121 31.9	24.4 36.6





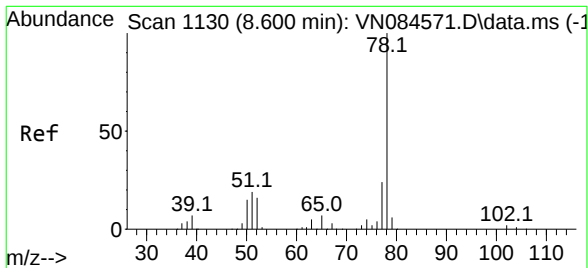
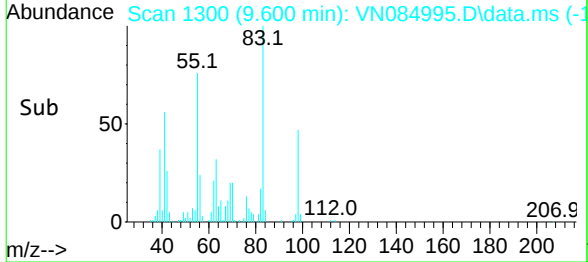
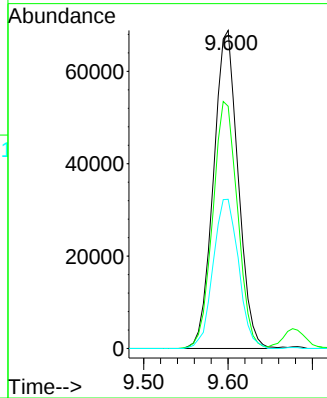
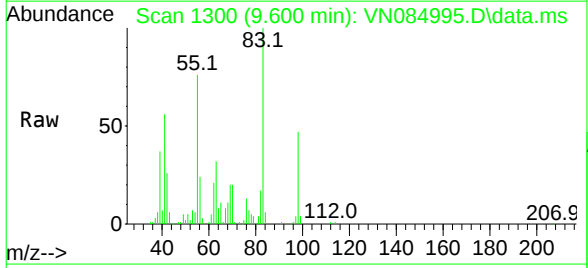
#39
Methylcyclohexane
Concen: 55.993 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 140064
Ion Ratio Lower Upper
83 100
55 76.2 62.8 94.2
98 46.9 38.8 58.2

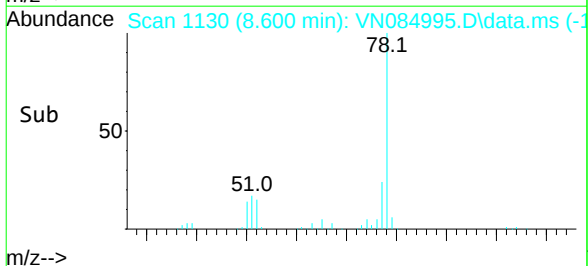
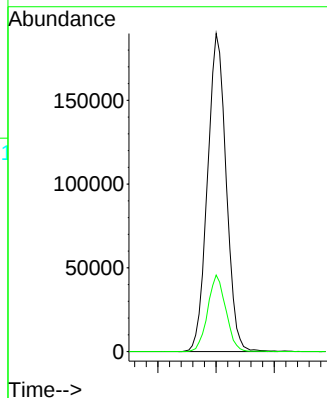
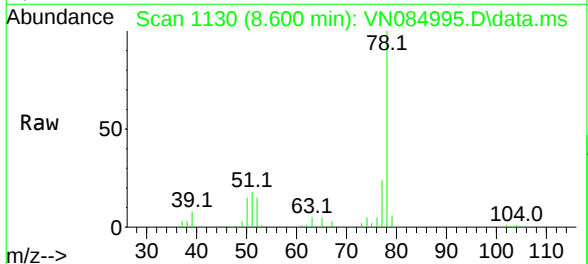
Manual Integrations
APPROVED

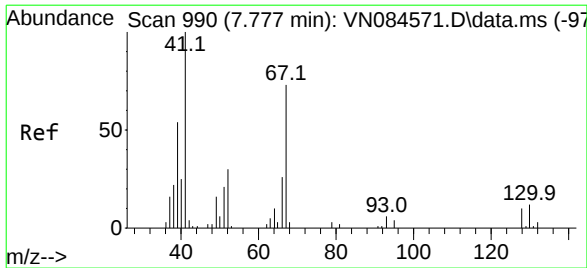
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#40
Benzene
Concen: 53.670 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion: 78 Resp: 423803
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7





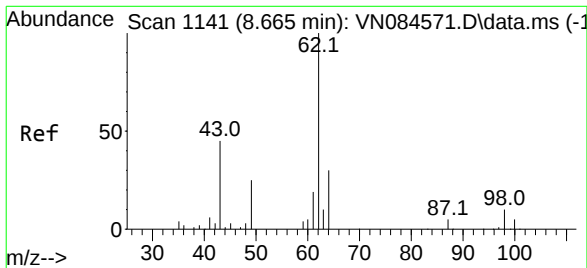
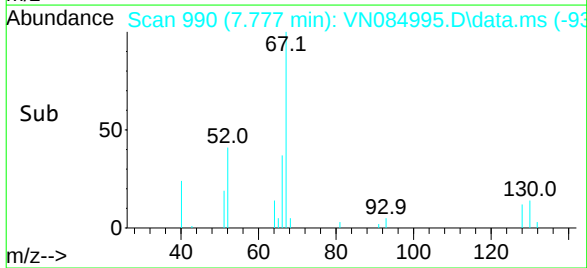
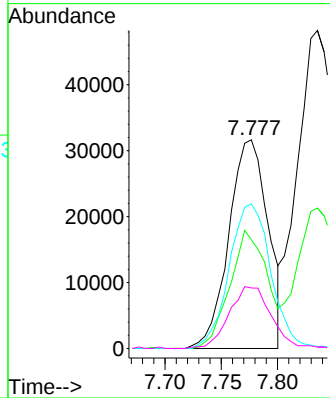
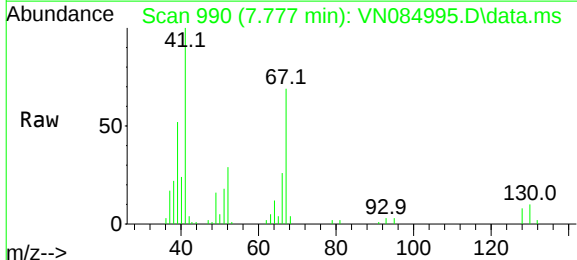
#41
Methacrylonitrile
Concen: 63.850 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	76600
Ion	Ratio	Lower	Upper
41	100		
39	53.7	43.3	64.9
67	74.1	56.1	84.1
52	31.8	24.5	36.7

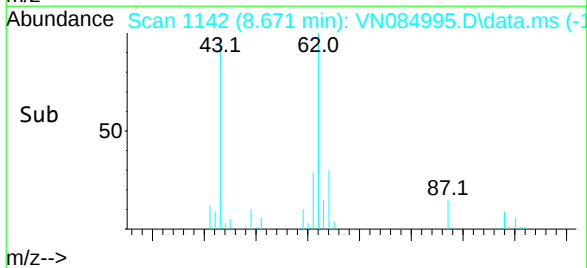
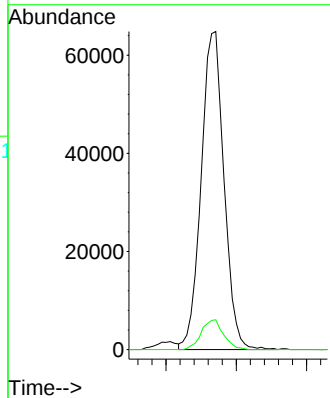
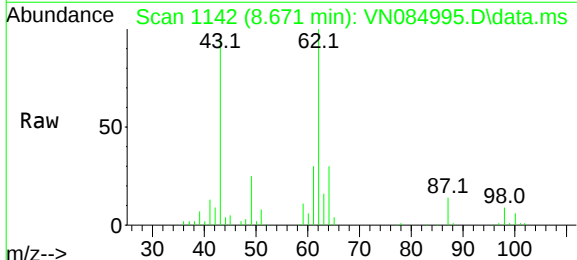
Manual Integrations
APPROVED

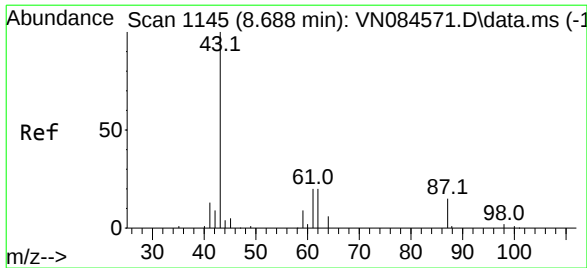
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#42
1,2-Dichloroethane
Concen: 57.190 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion:	62	Resp:	146254
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2





#43

Isopropyl Acetate

Concen: 61.278 ug/l

RT: 8.688 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

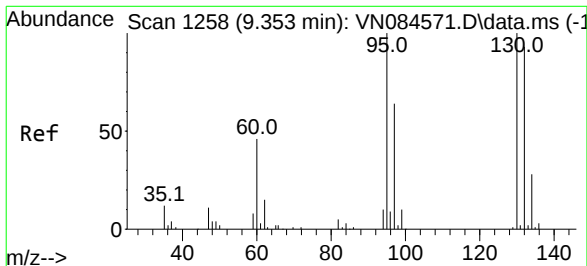
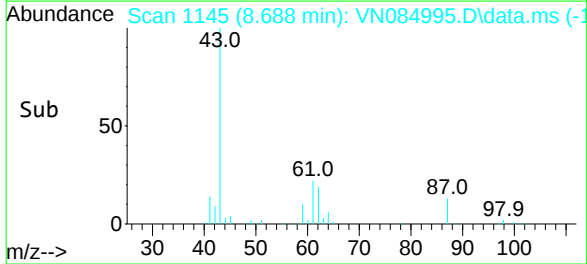
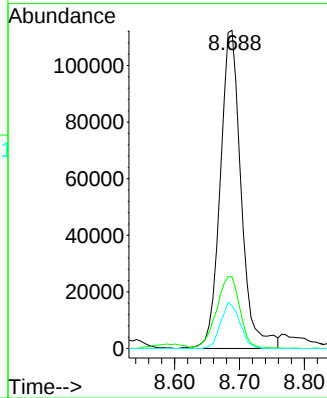
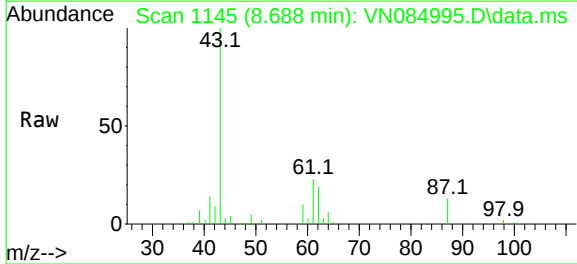
Tgt Ion:	43	Resp:	251654
Ion	Ratio	Lower	Upper
43	100		
61	25.4	20.4	30.6
87	13.2	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#44

Trichloroethene

Concen: 53.895 ug/l

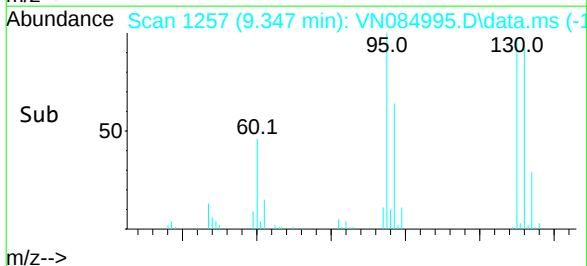
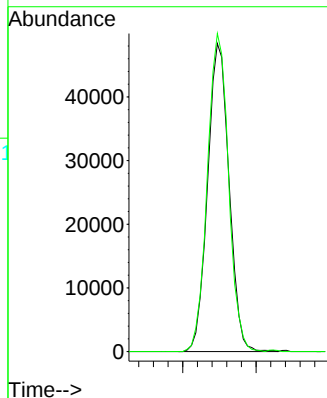
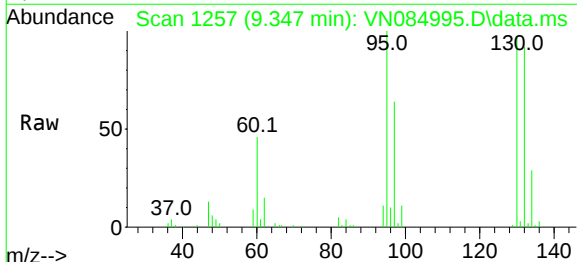
RT: 9.347 min Scan# 1257

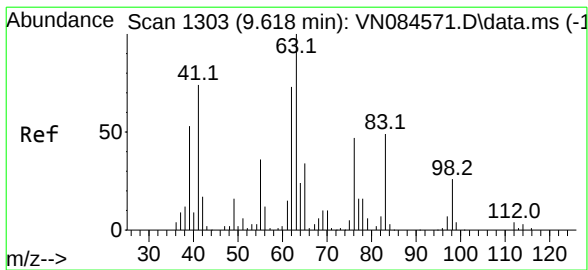
Delta R.T. 0.000 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

Tgt Ion:	130	Resp:	98149
Ion	Ratio	Lower	Upper
130	100		
95	103.3	0.0	203.0





#45

1,2-Dichloropropane

Concen: 57.441 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 106402

Ion Ratio Lower Upper

63 100

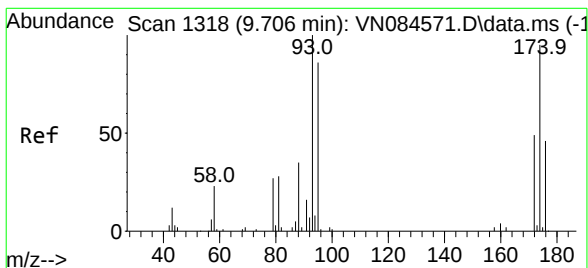
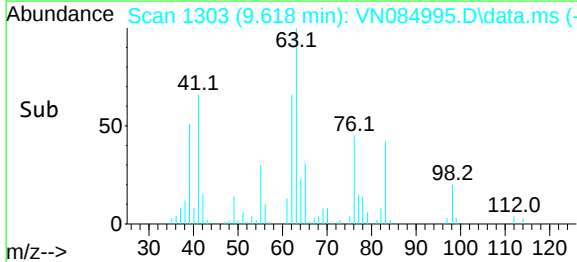
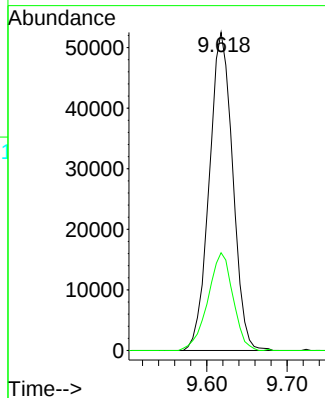
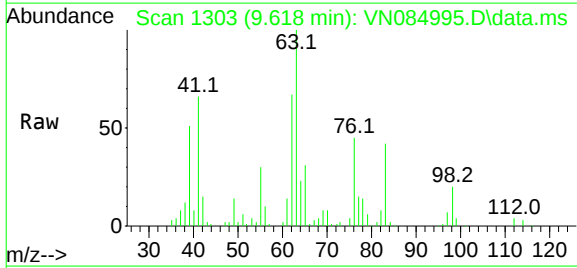
65 30.7 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#46

Dibromomethane

Concen: 57.494 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

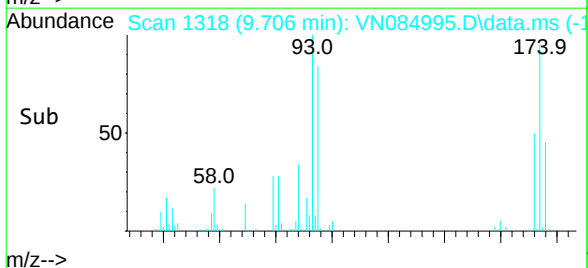
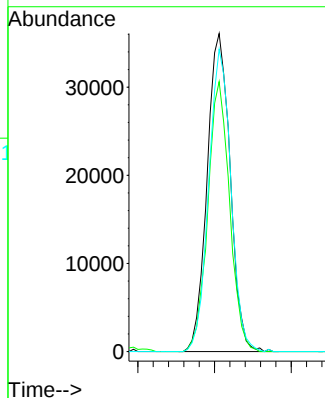
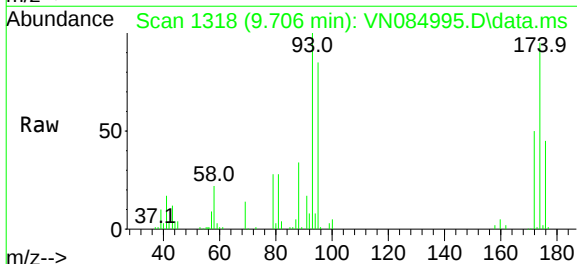
Tgt Ion: 93 Resp: 75150

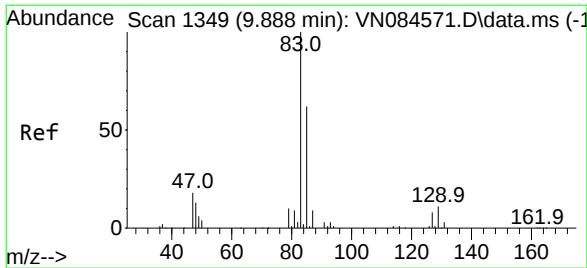
Ion Ratio Lower Upper

93 100

95 80.5 65.0 97.4

174 91.7 71.8 107.8





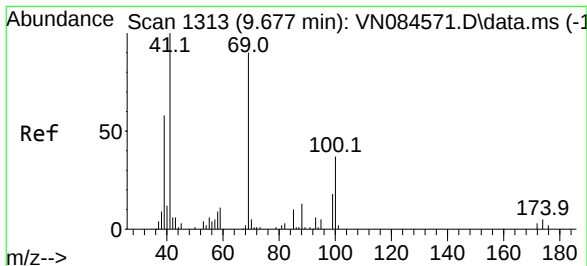
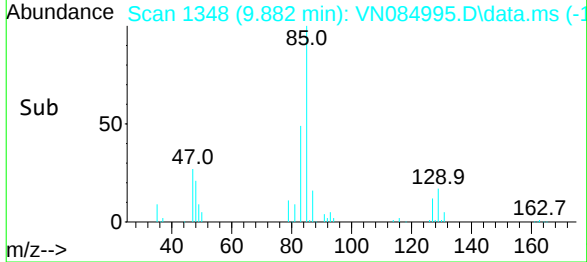
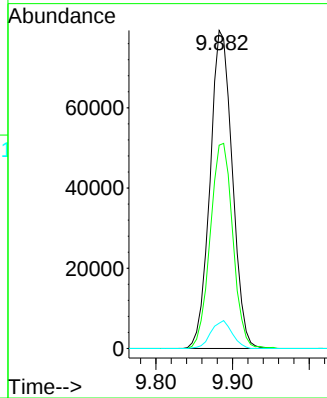
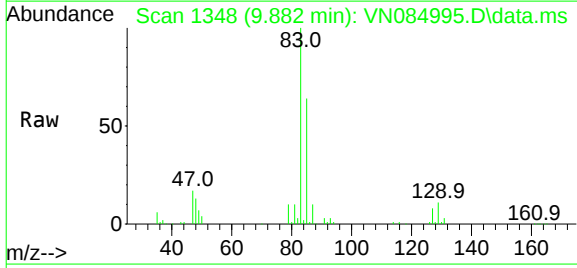
#47
Bromodichloromethane
Concen: 58.038 ug/l
RT: 9.882 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 159911
Ion Ratio Lower Upper
83 100
85 63.9 51.5 77.3
127 7.9 5.7 8.5

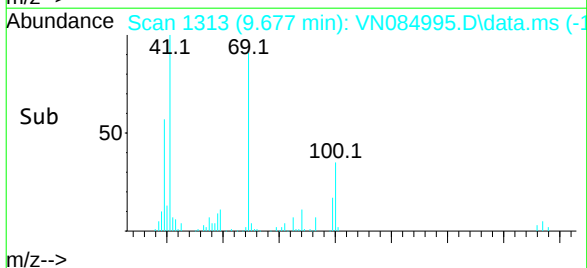
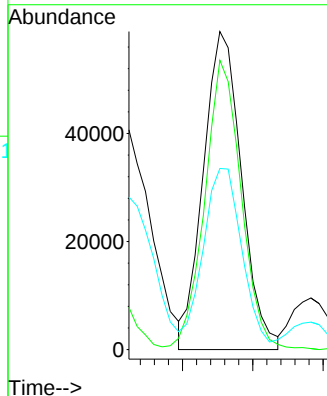
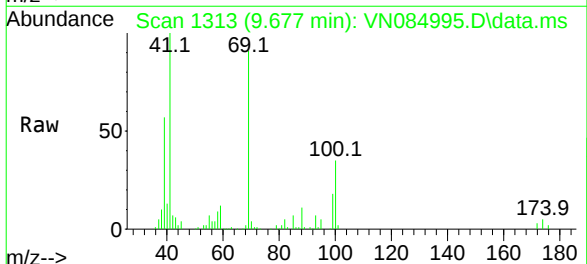
Manual Integrations
APPROVED

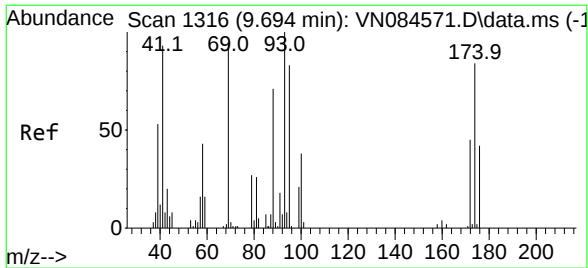
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#48
Methyl methacrylate
Concen: 64.032 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

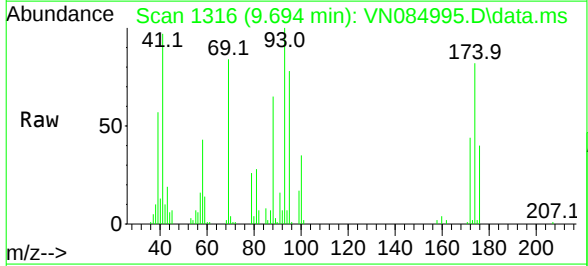
Tgt Ion: 41 Resp: 111176
Ion Ratio Lower Upper
41 100
69 86.8 67.1 100.7
39 58.1 45.8 68.6





#49
1,4-Dioxane
Concen: 1308.007 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

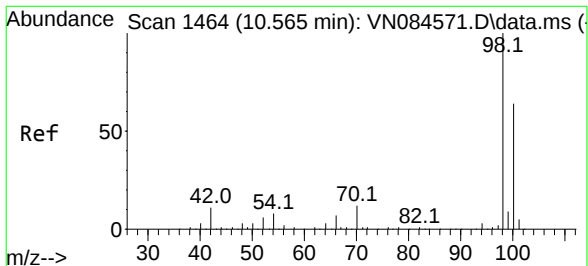
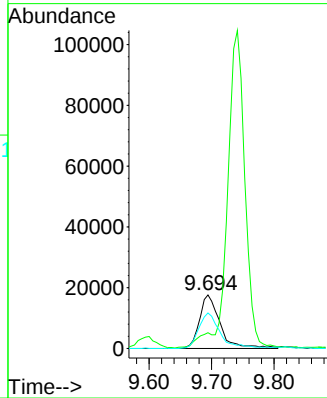
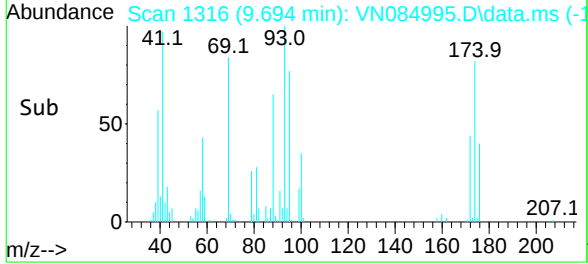
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 40244
Ion Ratio Lower Upper
88 100
43 0.0 25.3 37.9#
58 69.7 56.4 84.6

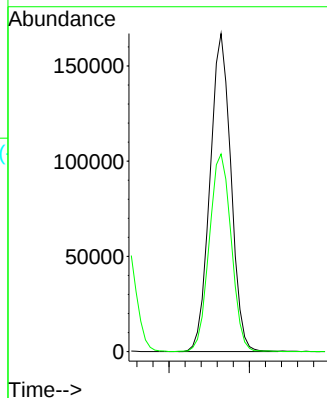
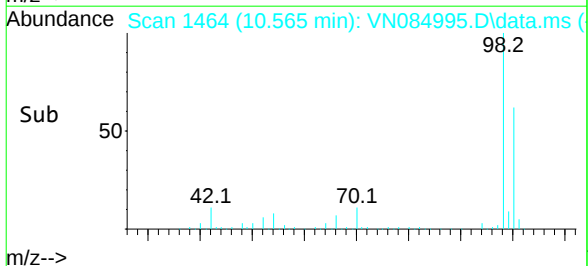
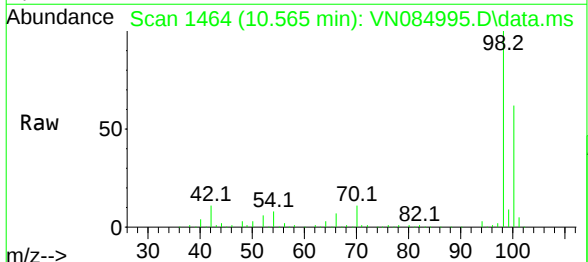
Manual Integrations
APPROVED

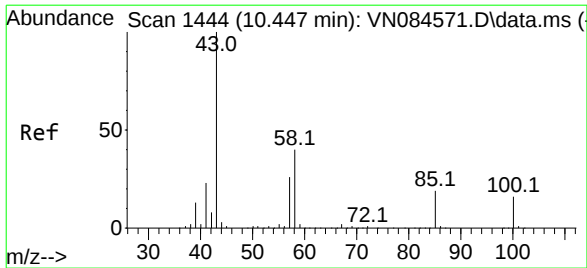
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#50
Toluene-d8
Concen: 46.269 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion: 98 Resp: 302180
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1





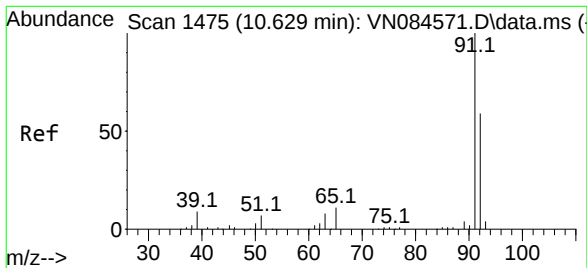
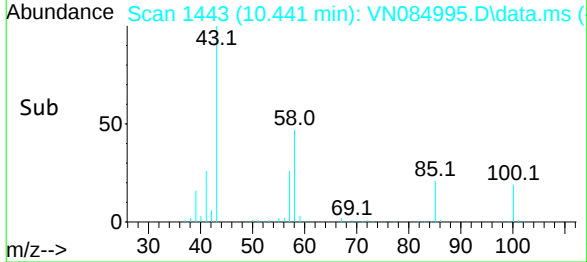
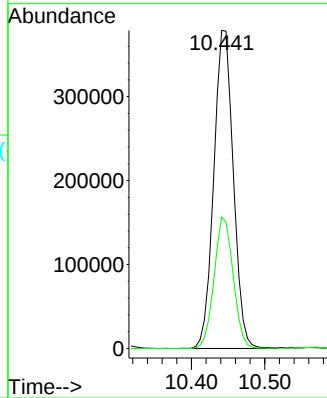
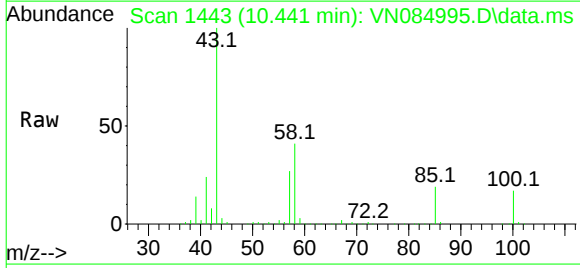
#51
4-Methyl-2-Pentanone
Concen: 330.030 ug/l
RT: 10.441 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 701880
Ion Ratio Lower Upper
43 100
58 40.3 31.6 47.4

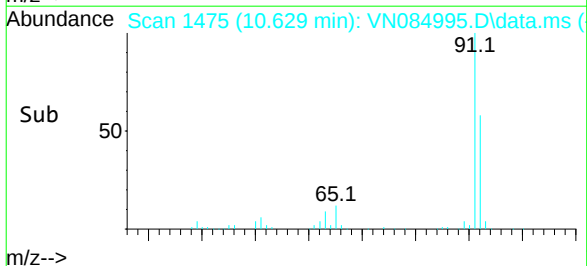
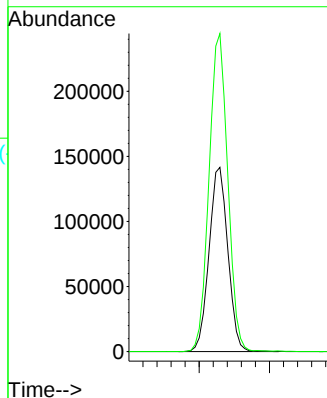
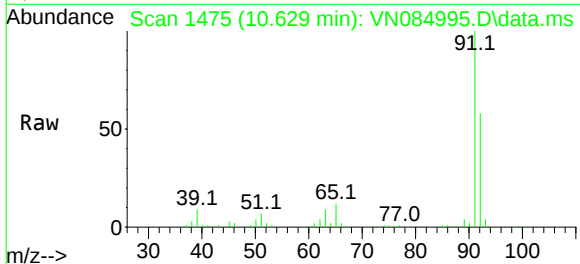
Manual Integrations
APPROVED

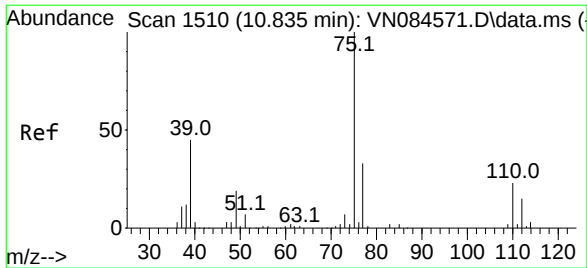
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#52
Toluene
Concen: 56.906 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

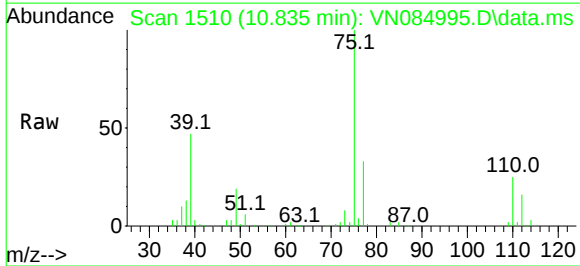
Tgt Ion: 92 Resp: 262809
Ion Ratio Lower Upper
92 100
91 172.1 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 57.480 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

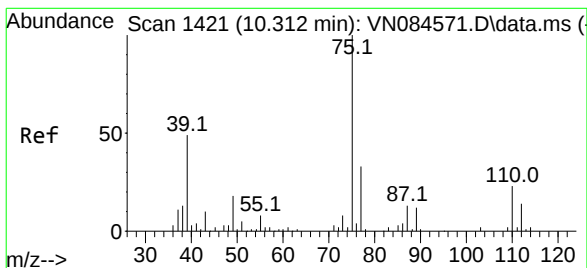
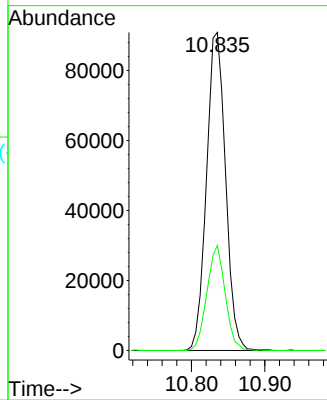
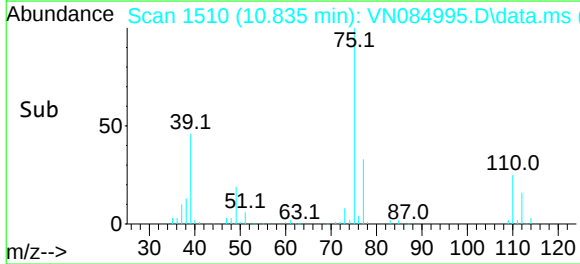
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 163935
Ion Ratio Lower Upper
75 100
77 33.1 25.4 38.0

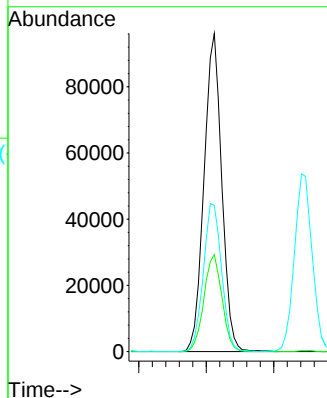
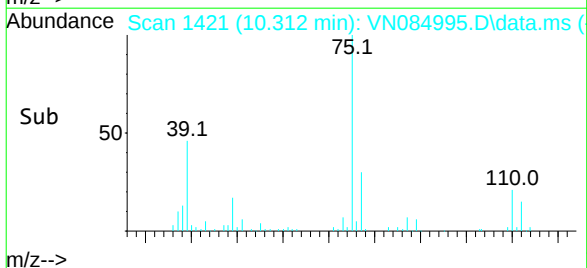
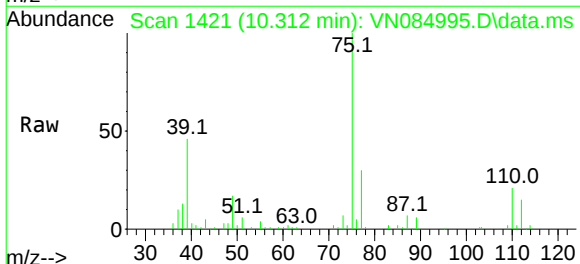
Manual Integrations
APPROVED

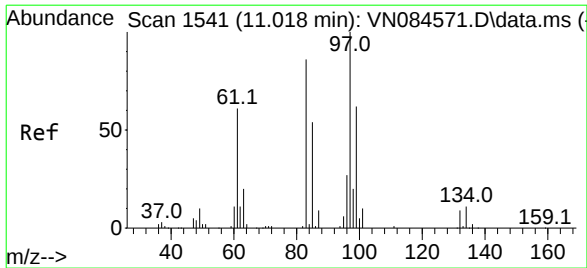
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#54
cis-1,3-Dichloropropene
Concen: 58.056 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion: 75 Resp: 175243
Ion Ratio Lower Upper
75 100
77 30.5 24.2 36.2
39 46.0 38.7 58.1





#55

1,1,2-Trichloroethane

Concen: 57.751 ug/l

RT: 11.012 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 100467

Ion Ratio Lower Upper

97 100

83 85.5 71.0 106.4

85 55.2 41.7 62.5

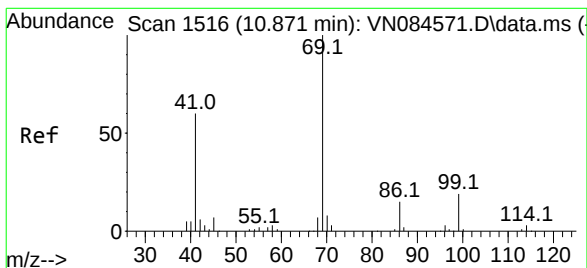
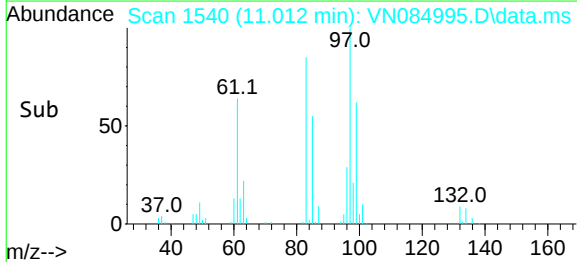
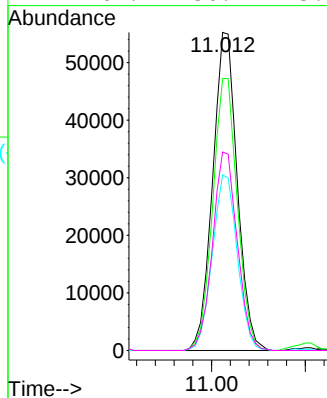
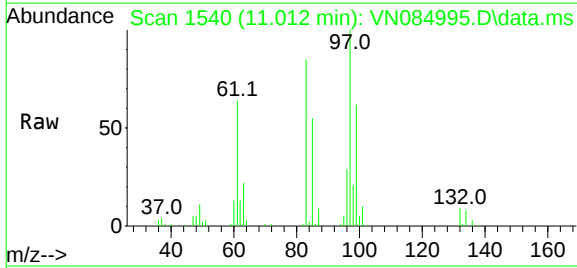
99 62.4 50.1 75.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#56

Ethyl methacrylate

Concen: 66.982 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

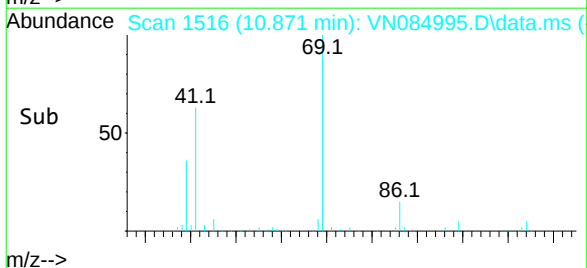
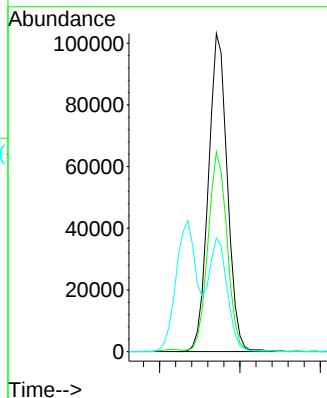
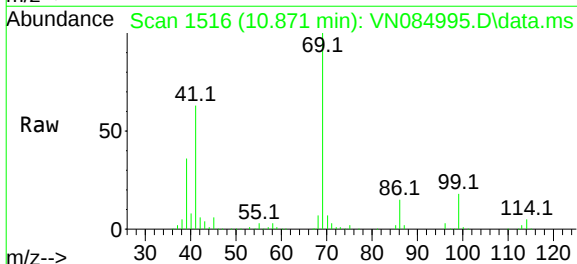
Tgt Ion: 69 Resp: 168548

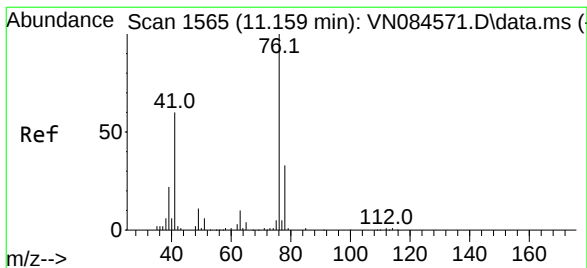
Ion Ratio Lower Upper

69 100

41 63.7 53.3 79.9

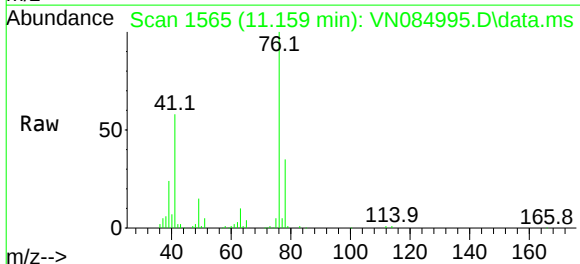
39 34.7 28.8 43.2





#57
1,3-Dichloropropane
Concen: 57.994 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

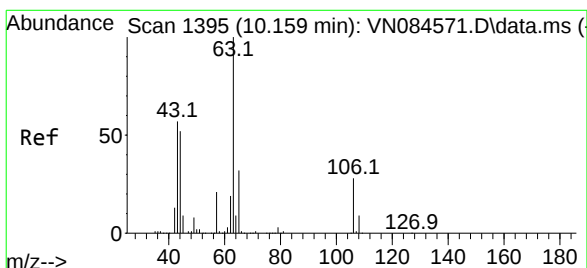
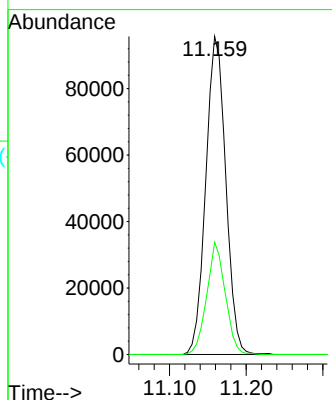
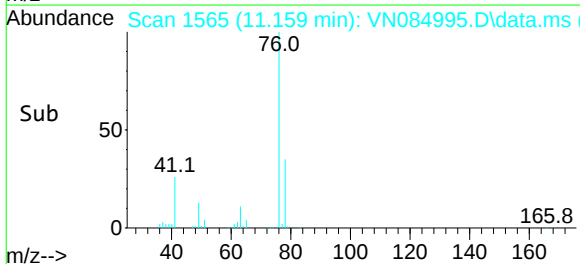
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 173149
Ion Ratio Lower Upper
76 100
78 32.7 25.8 38.6

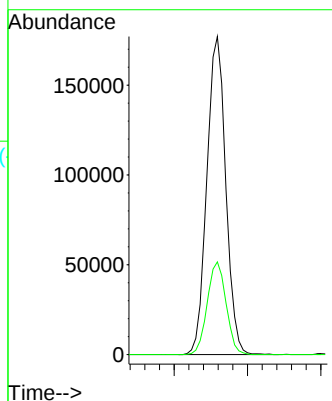
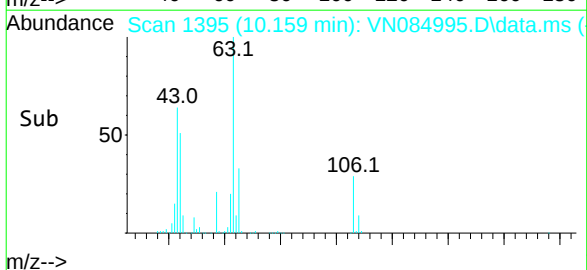
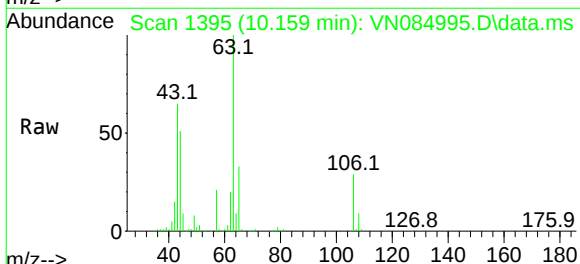
Manual Integrations
APPROVED

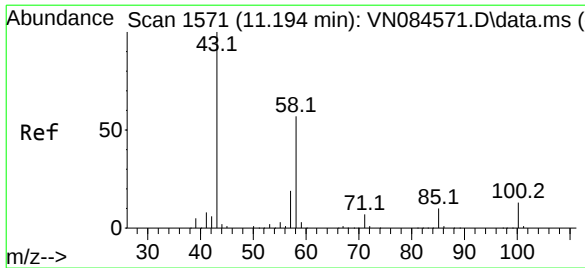
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#58
2-Chloroethyl Vinyl ether
Concen: 269.367 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion: 63 Resp: 317173
Ion Ratio Lower Upper
63 100
106 29.0 21.8 32.6





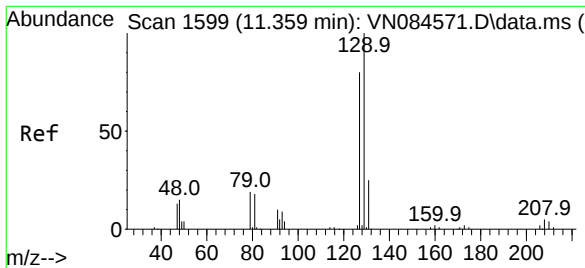
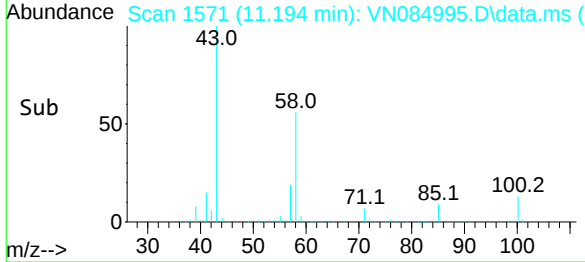
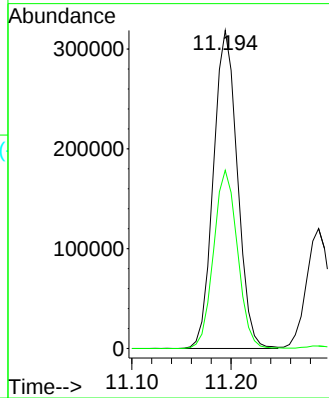
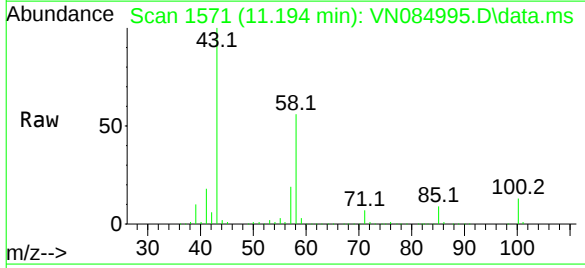
#59
2-Hexanone
Concen: 345.529 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 534881
Ion Ratio Lower Upper
43 100
58 55.9 27.3 81.8

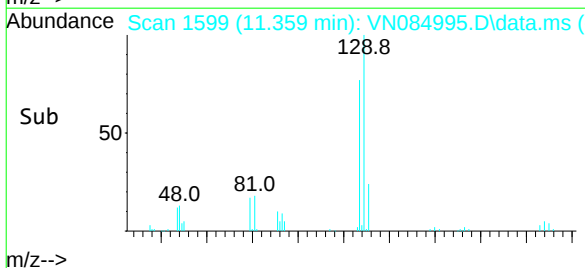
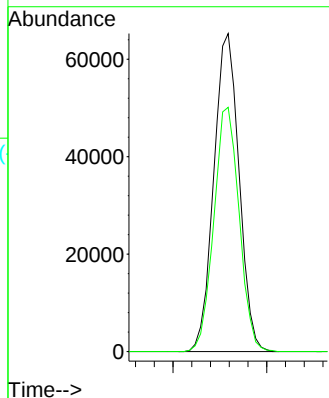
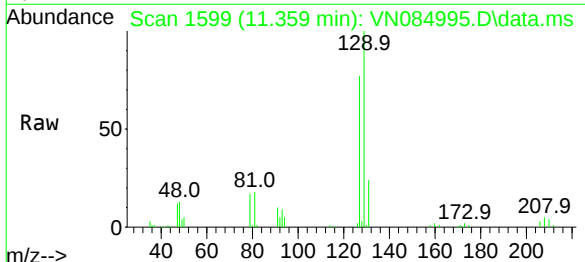
Manual Integrations
APPROVED

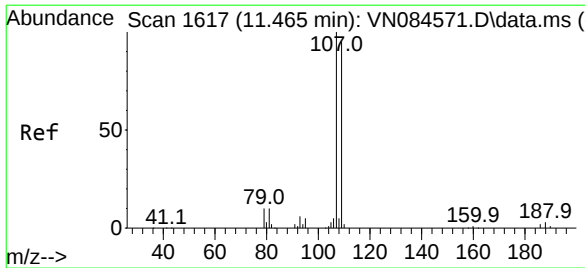
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#60
Dibromochloromethane
Concen: 61.561 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion:129 Resp: 122055
Ion Ratio Lower Upper
129 100
127 77.0 38.3 114.9





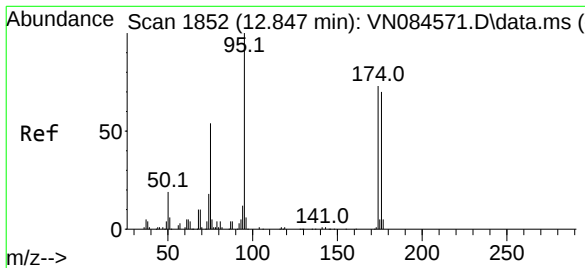
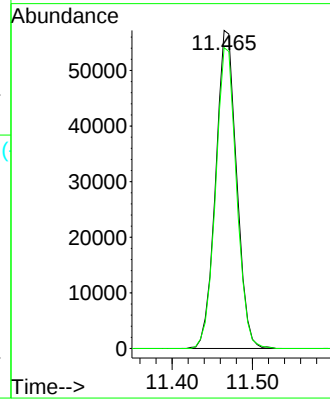
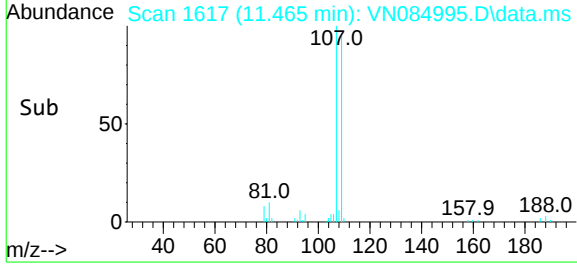
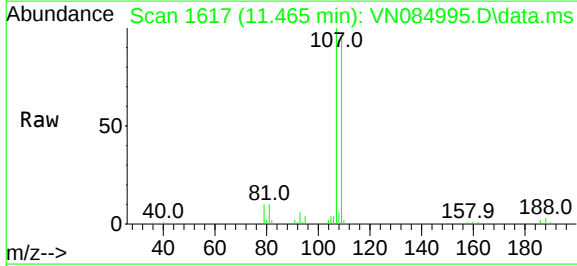
#61
1,2-Dibromoethane
Concen: 58.139 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 107 Resp: 103573
Ion Ratio Lower Upper
107 100
109 94.6 75.4 113.0

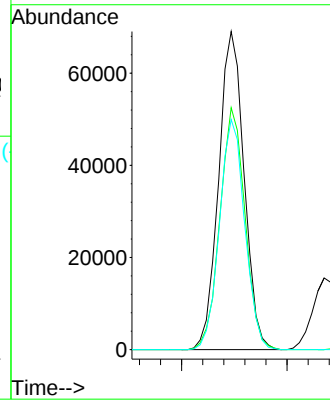
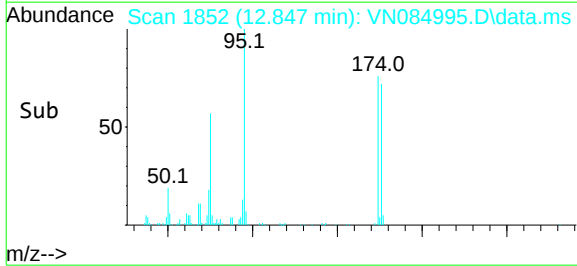
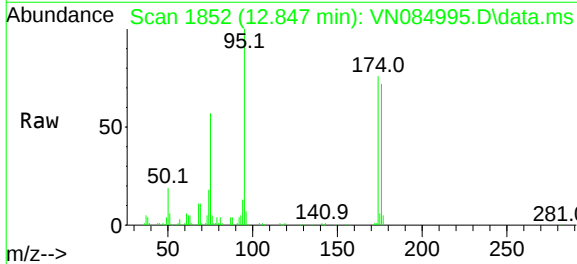
Manual Integrations
APPROVED

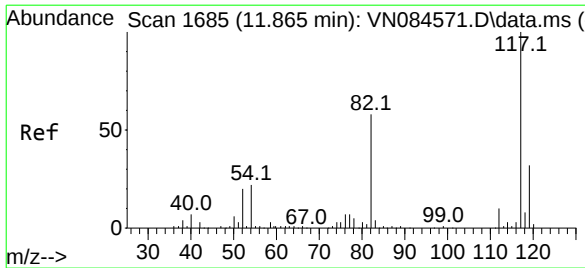
Reviewed By : John Carlone 11/22/2024
Supervised By : Mahesh Dadoda 11/22/2024



#62
4-Bromofluorobenzene
Concen: 47.424 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion: 95 Resp: 115754
Ion Ratio Lower Upper
95 100
174 75.0 0.0 145.2
176 71.8 0.0 140.0





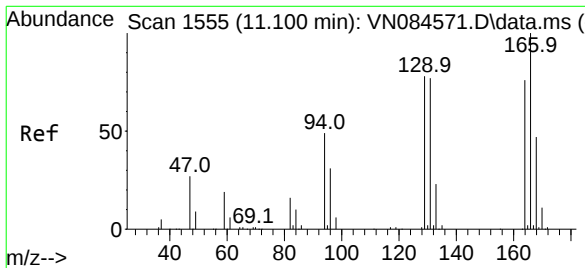
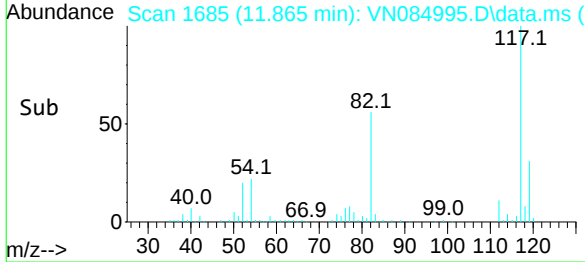
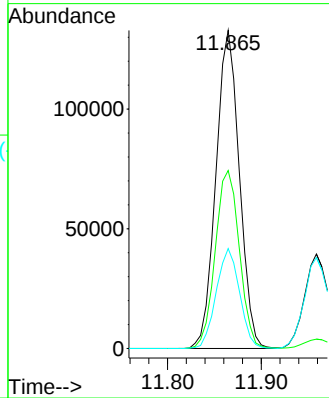
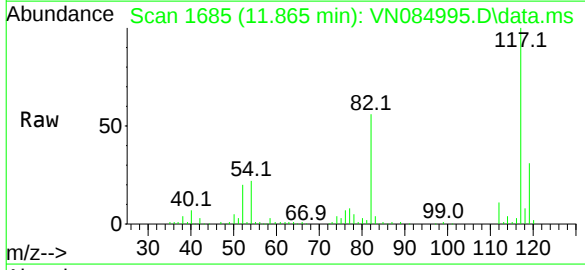
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 230917
Ion Ratio Lower Upper
117 100
82 56.0 47.2 70.8
119 31.4 25.4 38.0

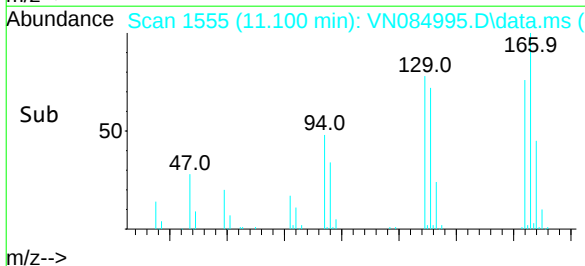
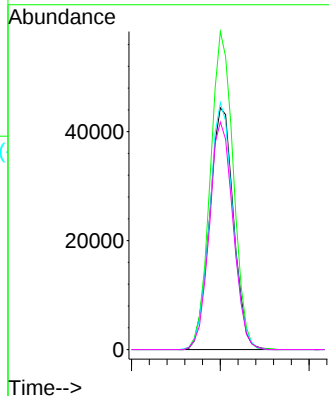
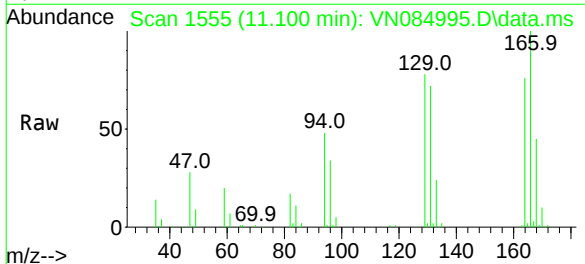
Manual Integrations
APPROVED

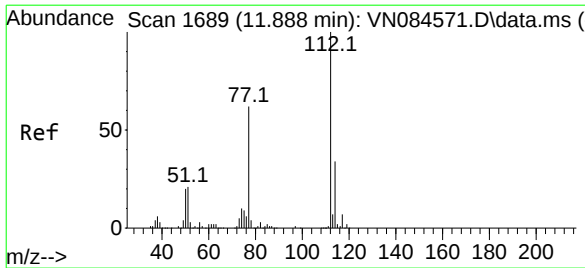
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#64
Tetrachloroethene
Concen: 54.178 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion:164 Resp: 83217
Ion Ratio Lower Upper
164 100
166 131.6 101.0 151.4
129 102.1 80.8 121.2
131 94.1 78.1 117.1





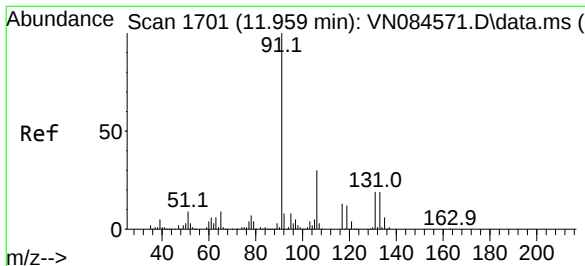
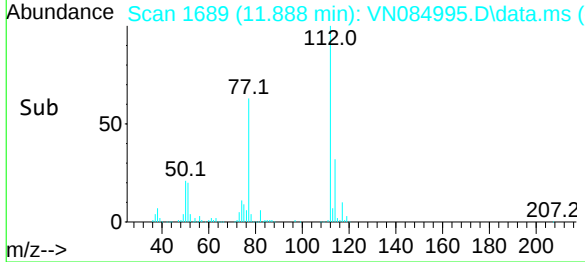
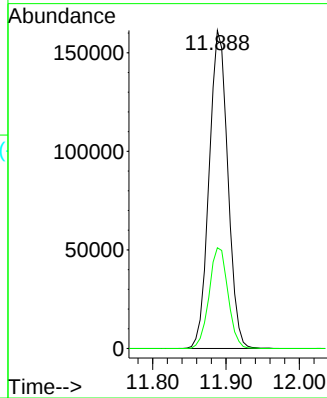
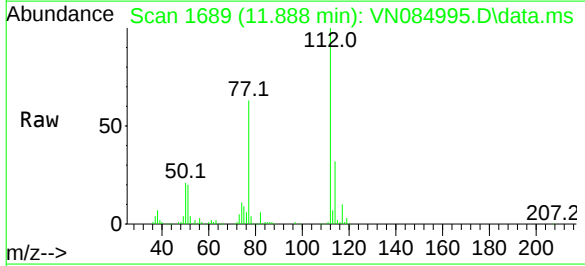
#65
Chlorobenzene
Concen: 55.329 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 285836
Ion Ratio Lower Upper
112 100
114 31.7 27.0 40.6

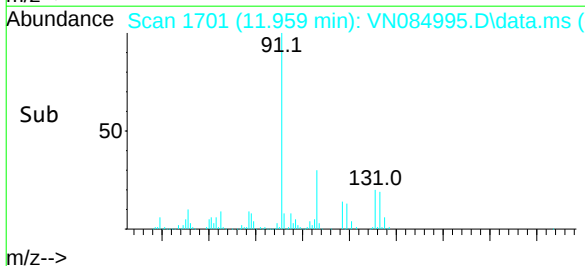
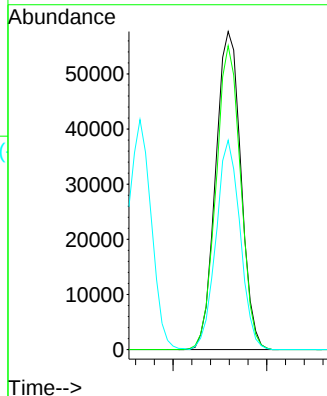
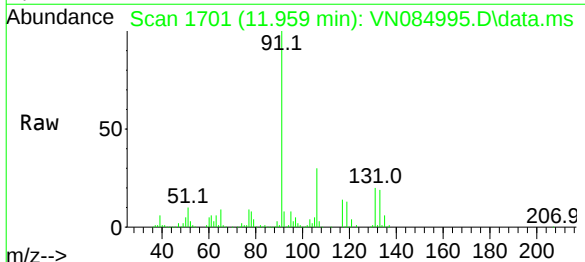
Manual Integrations
APPROVED

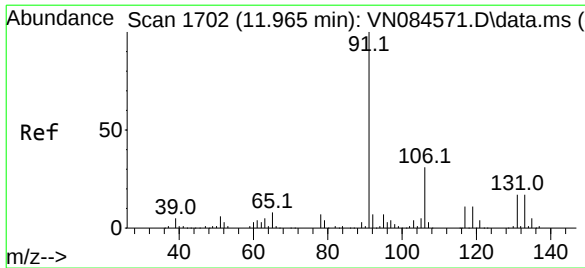
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 60.021 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion:131 Resp: 107853
Ion Ratio Lower Upper
131 100
133 93.2 47.9 143.7
119 63.1 32.8 98.3





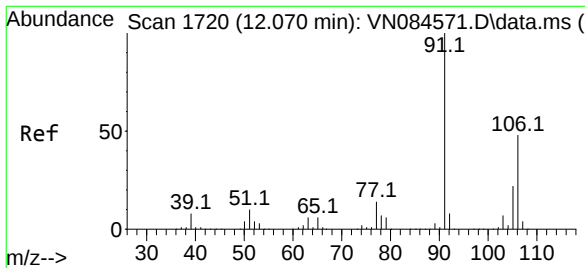
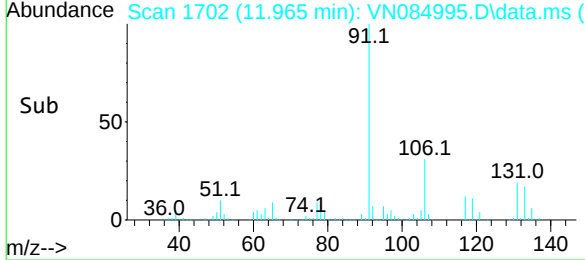
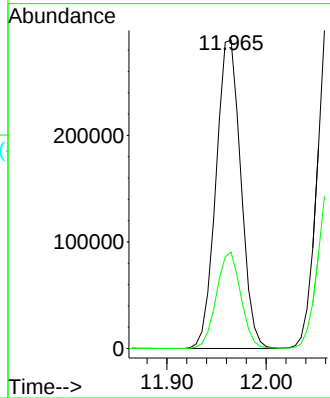
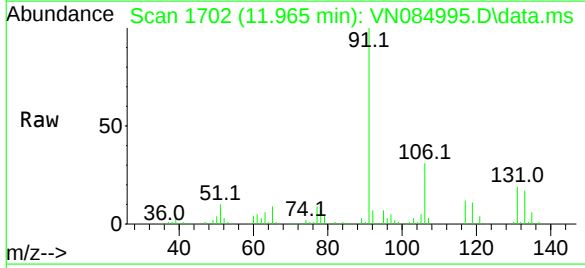
#67
Ethyl Benzene
Concen: 58.395 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 503551
Ion Ratio Lower Upper
91 100
106 31.2 24.5 36.7

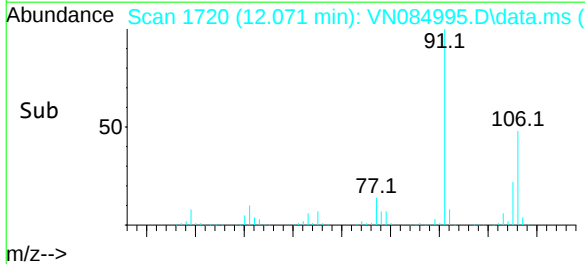
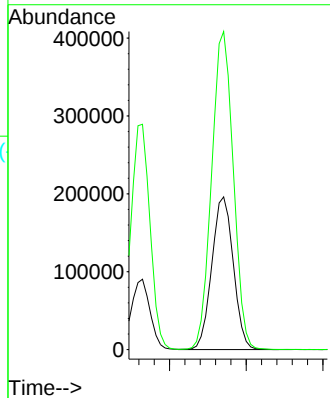
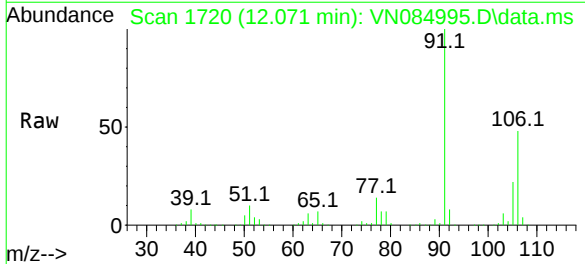
Manual Integrations
APPROVED

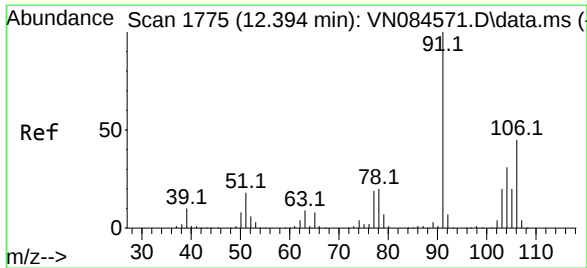
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#68
m/p-Xylenes
Concen: 117.034 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion:106 Resp: 382074
Ion Ratio Lower Upper
106 100
91 209.4 167.1 250.7





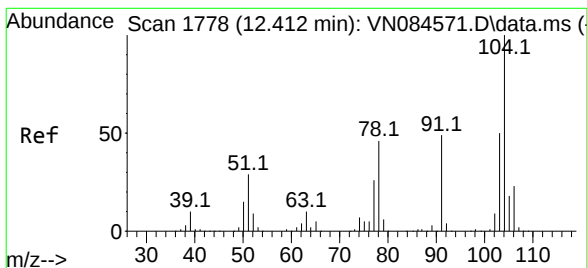
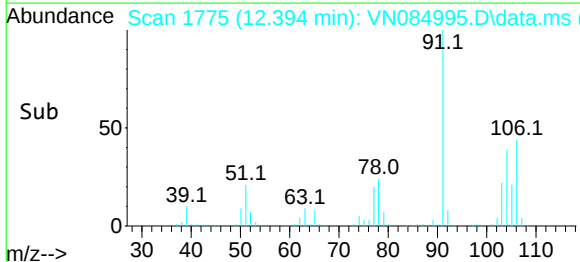
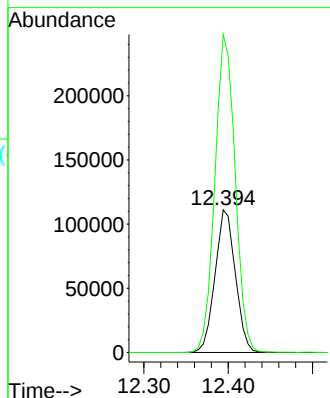
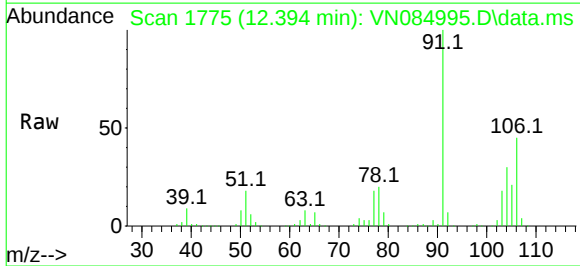
#69
o-Xylene
Concen: 60.979 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 186229
Ion Ratio Lower Upper
106 100
91 222.5 110.2 330.6

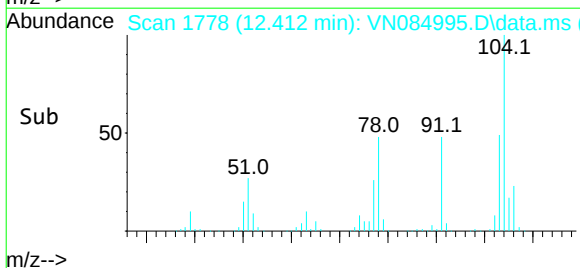
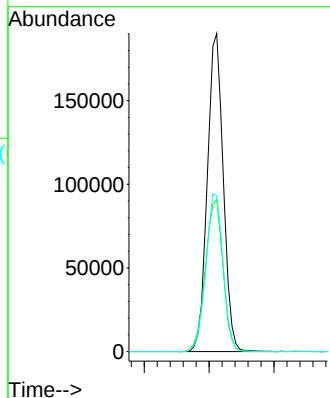
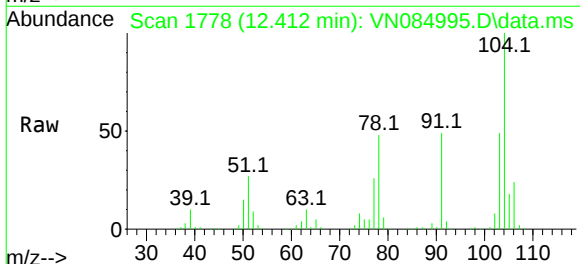
Manual Integrations
APPROVED

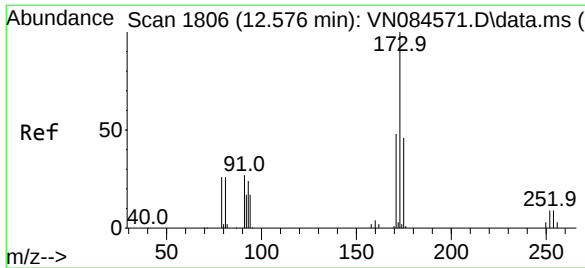
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#70
Styrene
Concen: 60.923 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion:104 Resp: 324567
Ion Ratio Lower Upper
104 100
78 52.6 42.7 64.1
103 53.5 43.6 65.4





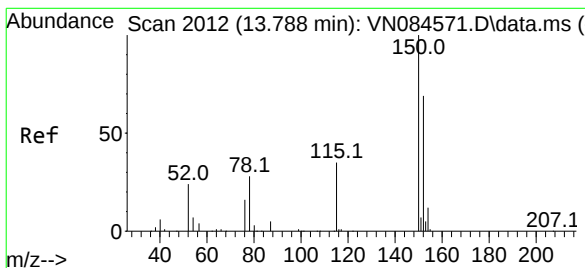
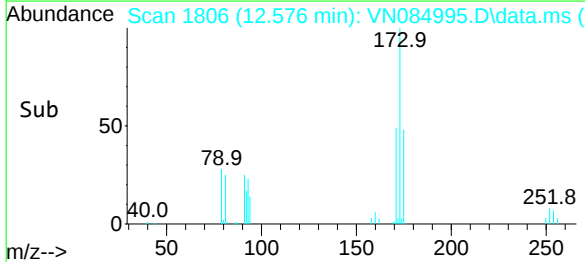
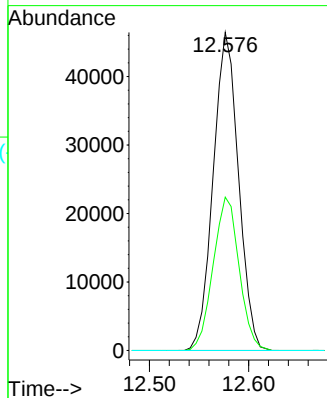
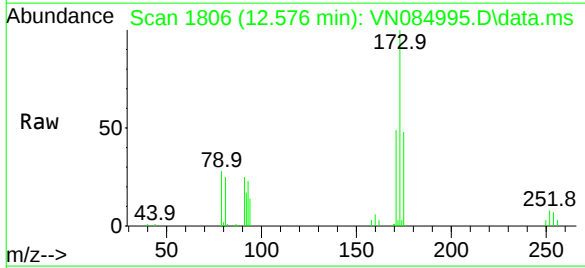
#71
Bromoform
Concen: 60.825 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.5	23.5	70.6
254	0.0	0.0	0.0

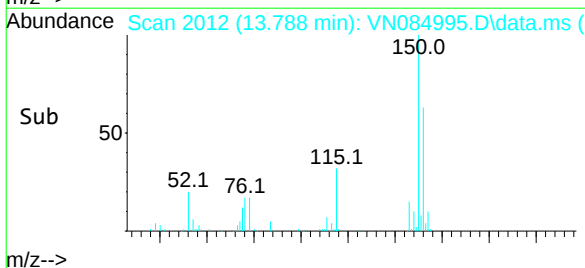
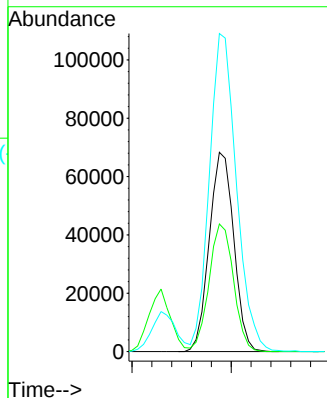
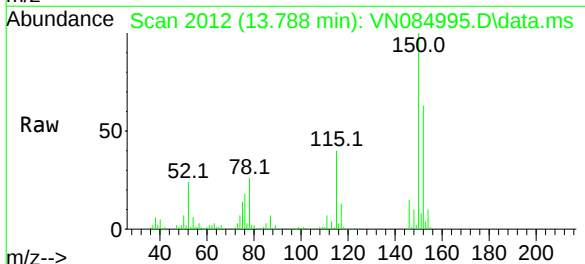
Manual Integrations
APPROVED

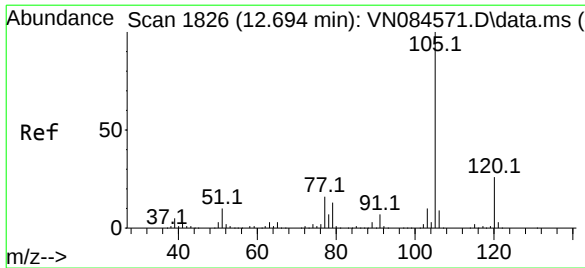
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

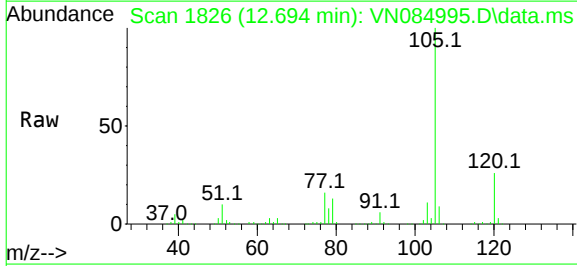
Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.7	31.3	93.9
150	175.9	0.0	349.8





#73
Isopropylbenzene
Concen: 58.872 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

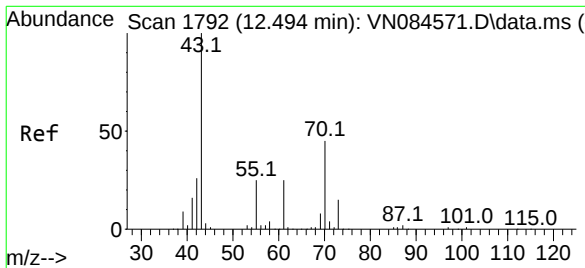
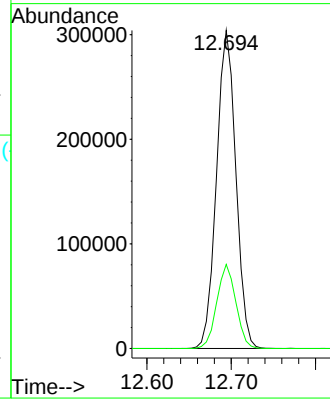
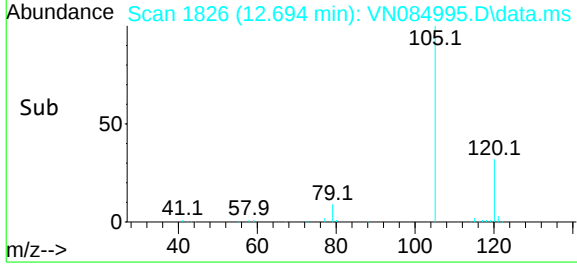
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



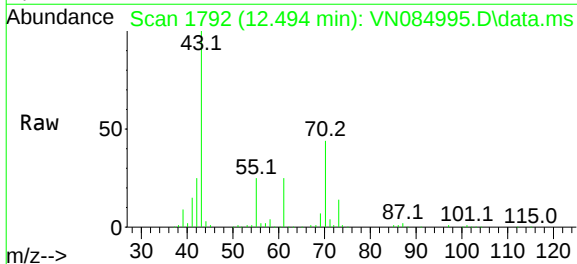
Tgt Ion: 105 Resp: 484232
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.7

Manual Integrations
APPROVED

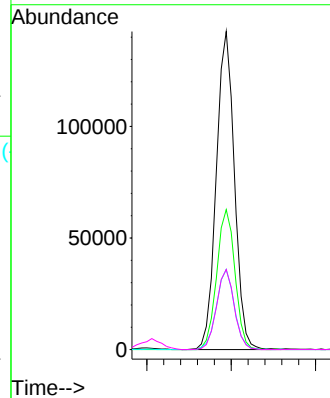
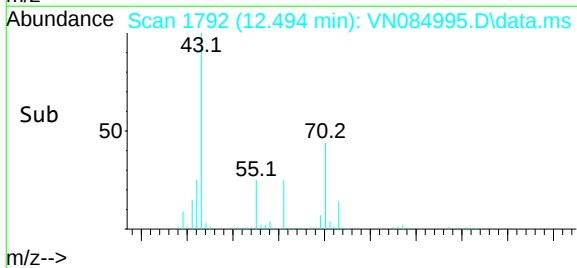
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

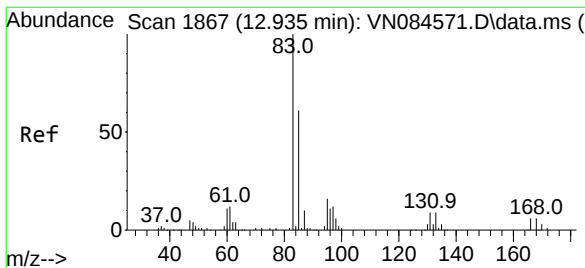


#74
N-ethyl acetate
Concen: 60.892 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22



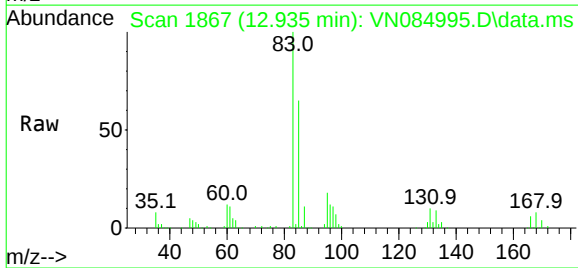
Tgt Ion: 43 Resp: 213172
Ion Ratio Lower Upper
43 100
70 44.2 34.4 51.6
55 25.0 19.6 29.4
61 24.6 19.6 29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 56.038 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

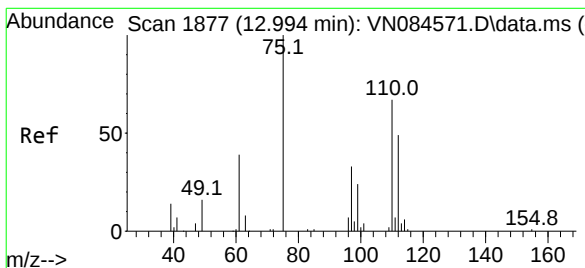
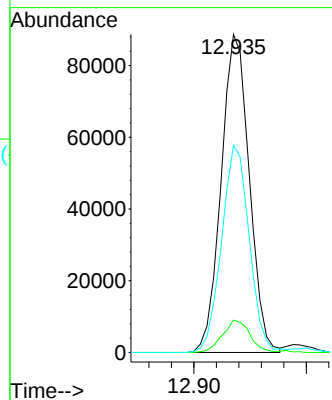
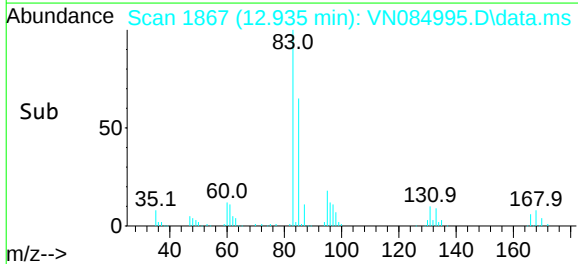
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 153851
Ion Ratio Lower Upper
83 100
131 10.2 4.9 14.7
85 64.2 31.9 95.7

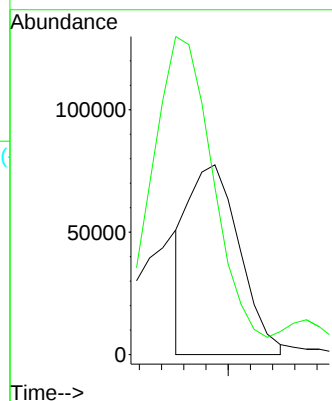
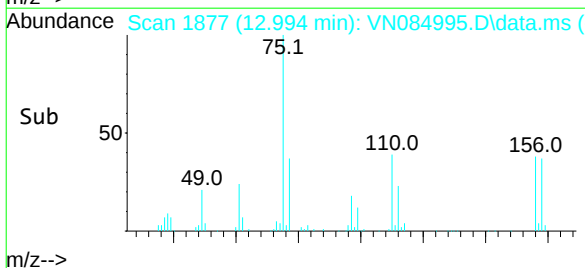
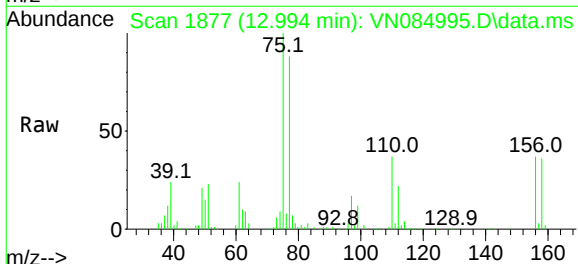
Manual Integrations
APPROVED

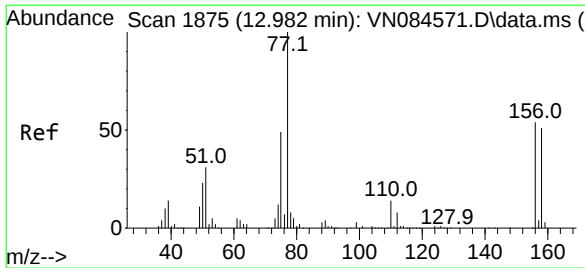
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#76
1,2,3-Trichloropropane
Concen: 53.133 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

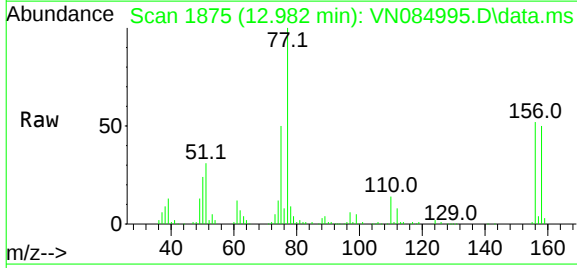
Tgt Ion: 75 Resp: 124662
Ion Ratio Lower Upper
75 100
77 207.8 96.9 290.7





#77
Bromobenzene
Concen: 52.690 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

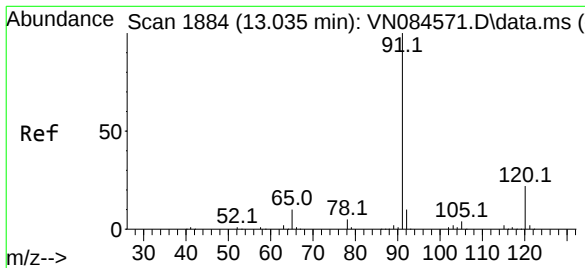
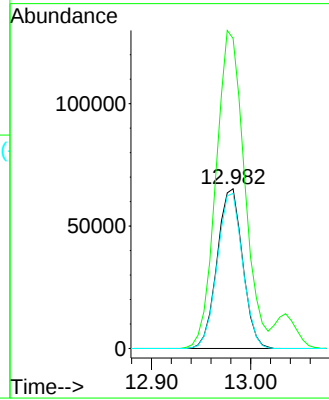
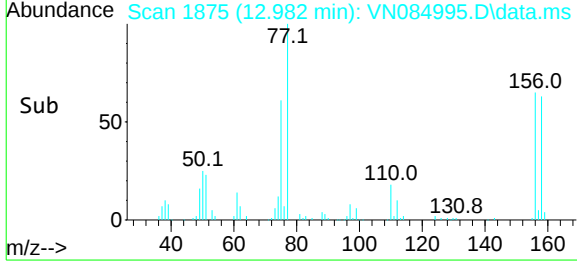
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 116508
Ion Ratio Lower Upper
156 100
77 222.4 115.1 345.3
158 96.9 48.9 146.8

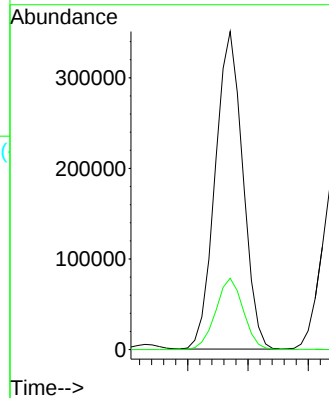
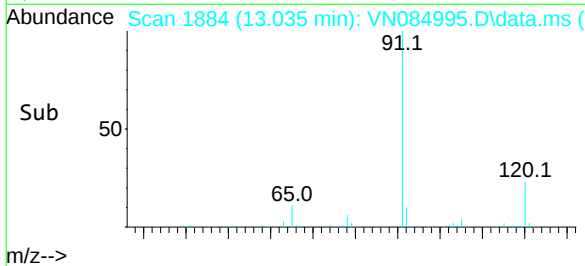
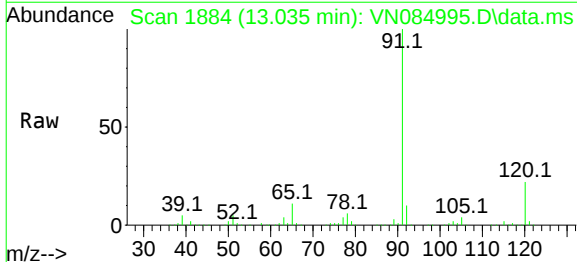
Manual Integrations
APPROVED

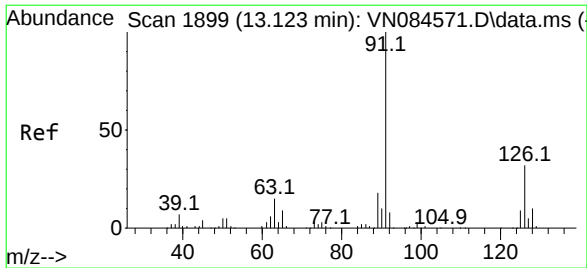
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#78
n-propylbenzene
Concen: 57.860 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion: 91 Resp: 557690
Ion Ratio Lower Upper
91 100
120 22.4 10.8 32.4





#79

2-Chlorotoluene

Concen: 55.967 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 352474

Ion Ratio Lower Upper

91 100

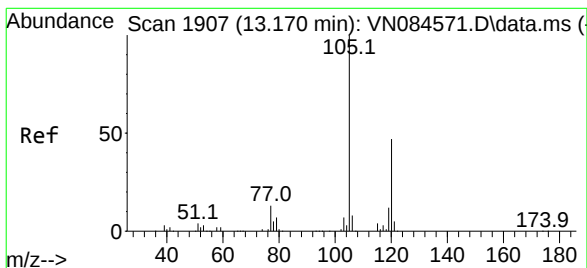
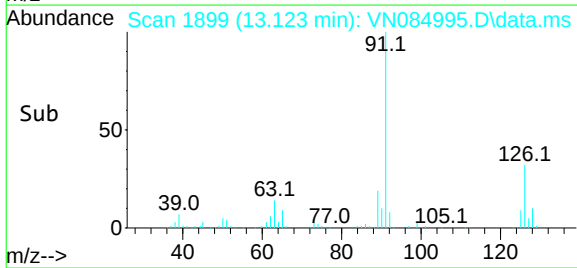
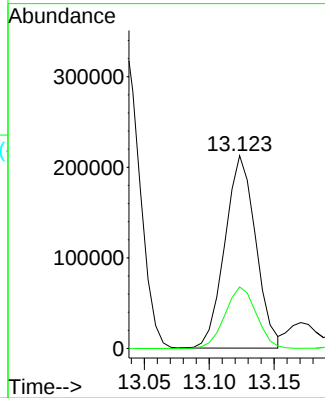
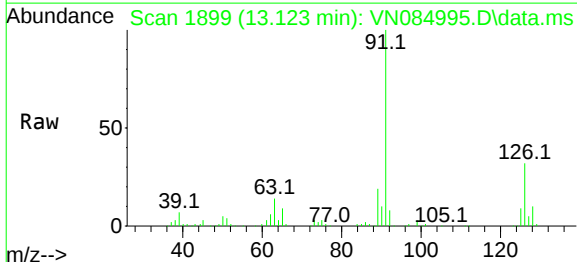
126 32.5 15.7 47.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#80

1,3,5-Trimethylbenzene

Concen: 60.216 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084995.D

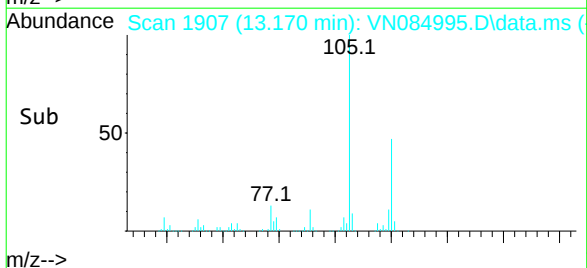
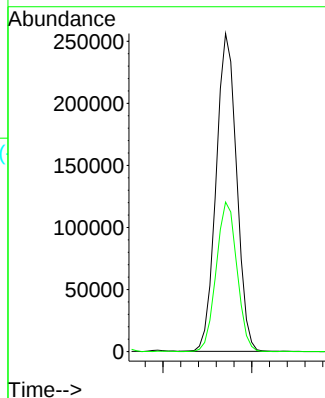
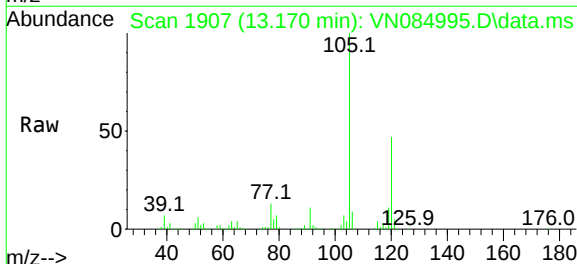
Acq: 21 Nov 2024 15:22

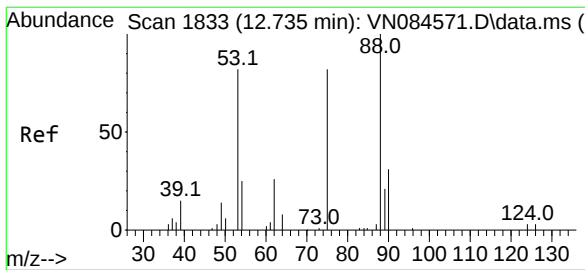
Tgt Ion:105 Resp: 410507

Ion Ratio Lower Upper

105 100

120 47.7 23.7 71.1





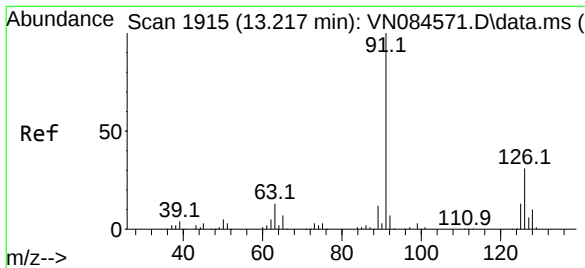
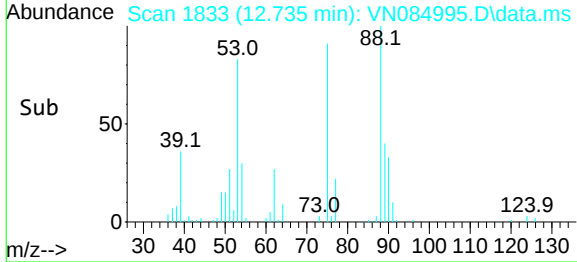
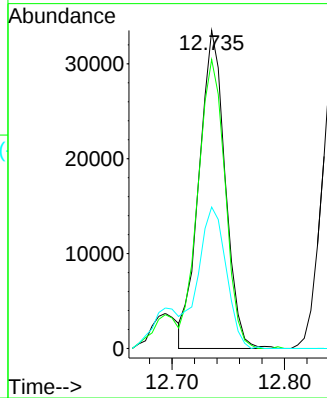
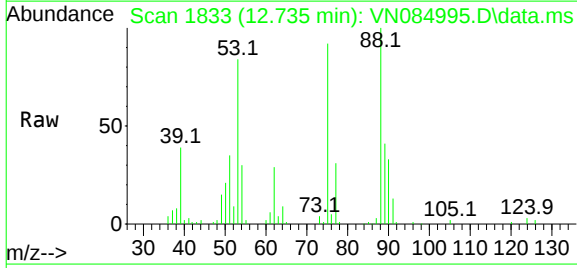
#81
trans-1,4-Dichloro-2-butene
Concen: 54.627 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 54024
Ion Ratio Lower Upper
75 100
53 94.1 78.0 117.0
89 48.5 35.5 53.3

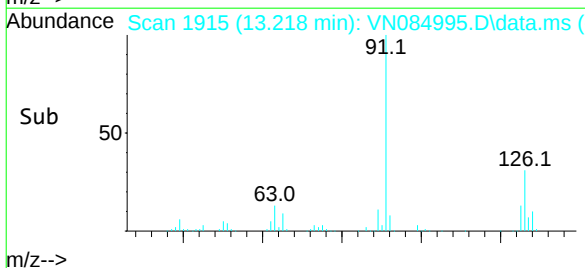
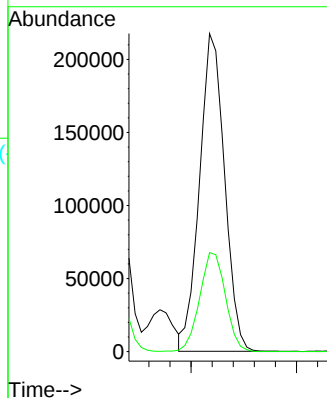
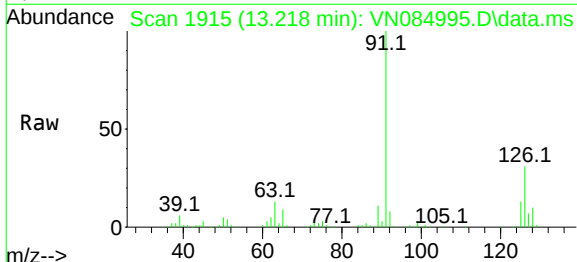
Manual Integrations
APPROVED

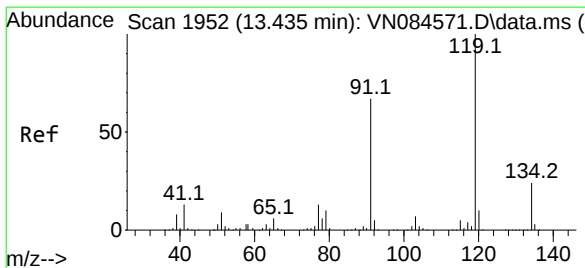
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#82
4-Chlorotoluene
Concen: 53.985 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion: 91 Resp: 357810
Ion Ratio Lower Upper
91 100
126 32.2 15.7 47.1





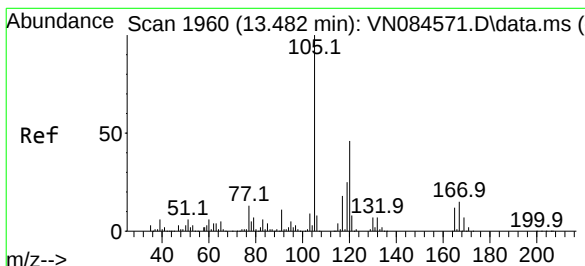
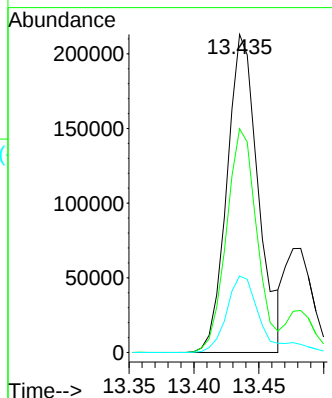
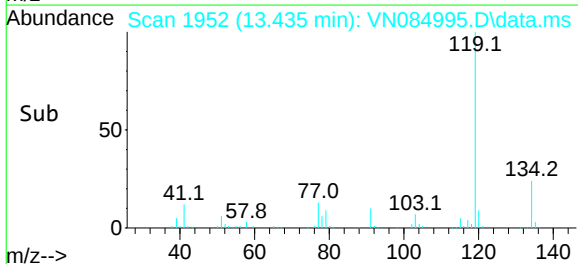
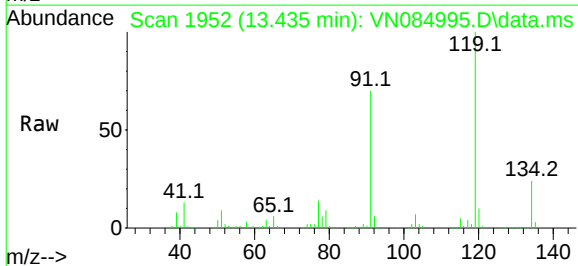
#83
tert-Butylbenzene
Concen: 63.404 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 357726
Ion Ratio Lower Upper
119 100
91 68.5 34.1 102.3
134 26.2 12.8 38.4

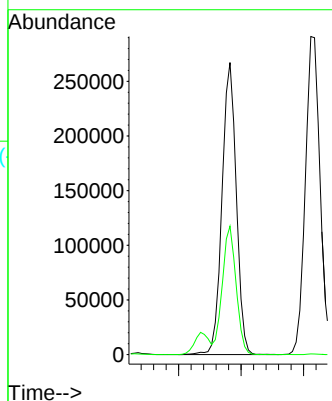
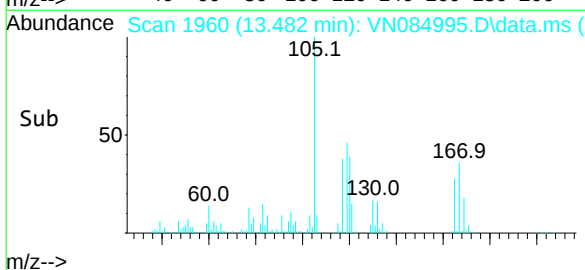
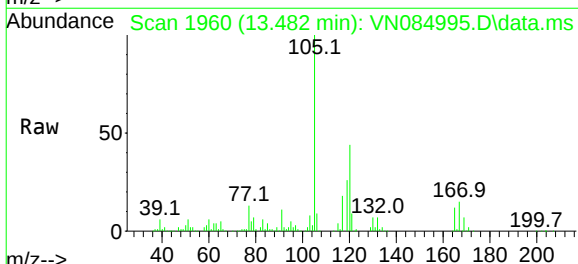
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#84
1,2,4-Trimethylbenzene
Concen: 60.320 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion:105 Resp: 424415
Ion Ratio Lower Upper
105 100
120 42.6 22.3 66.8





#85

sec-Butylbenzene

Concen: 59.647 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.006 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 475373

Ion Ratio Lower Upper

105 100

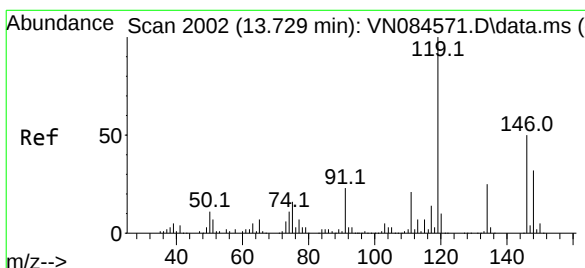
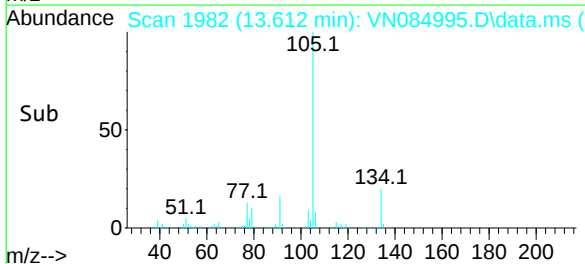
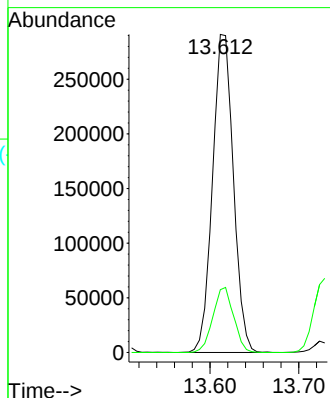
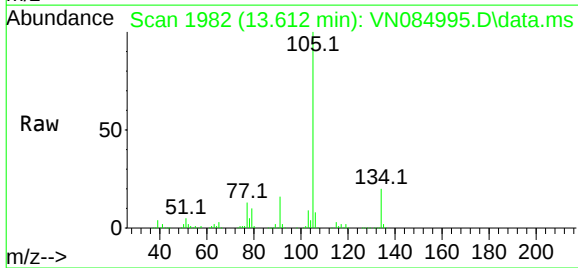
134 20.3 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#86

p-Isopropyltoluene

Concen: 62.125 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

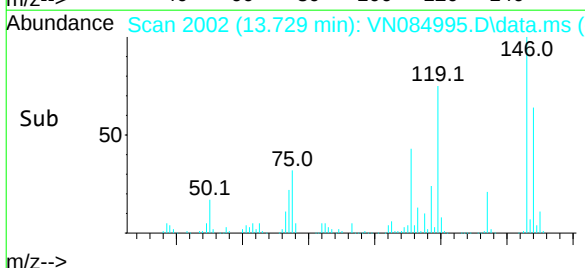
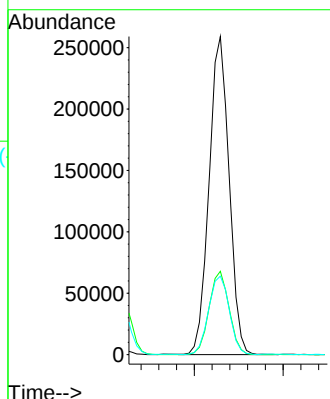
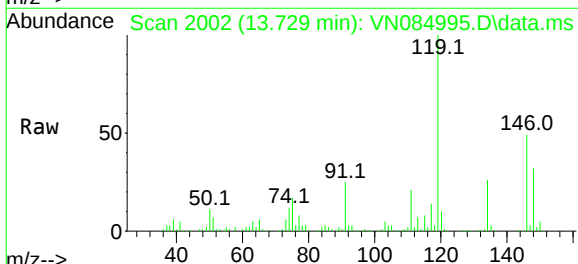
Tgt Ion:119 Resp: 406059

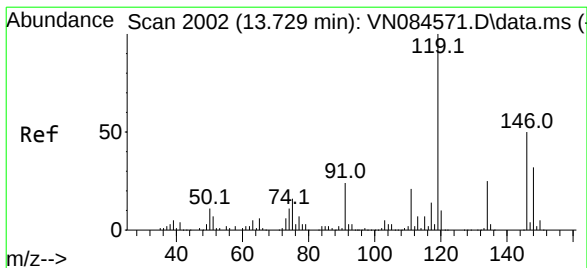
Ion Ratio Lower Upper

119 100

134 26.1 12.6 37.8

91 25.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 51.184 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

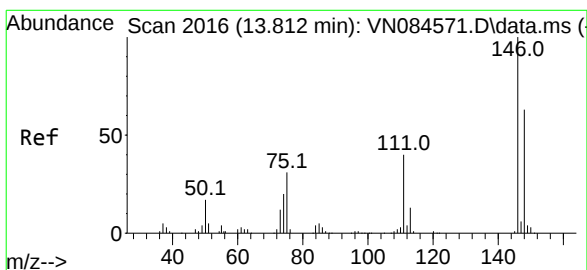
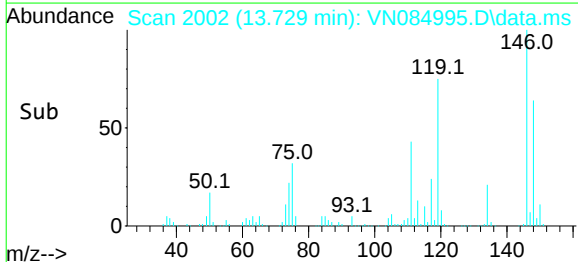
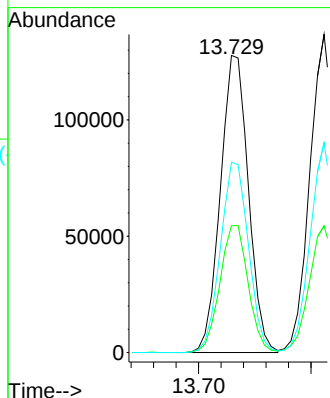
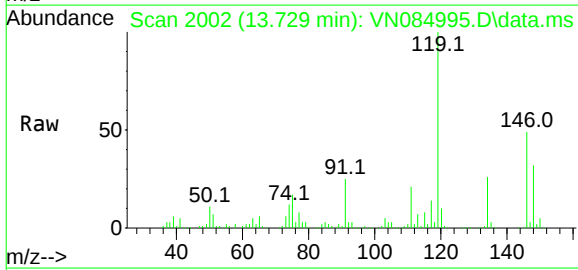
Tgt Ion:	146	Resp:	220876
Ion Ratio	Lower	Upper	
146	100		
111	43.1	21.8	65.3
148	64.2	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#88

1,4-Dichlorobenzene

Concen: 56.735 ug/l

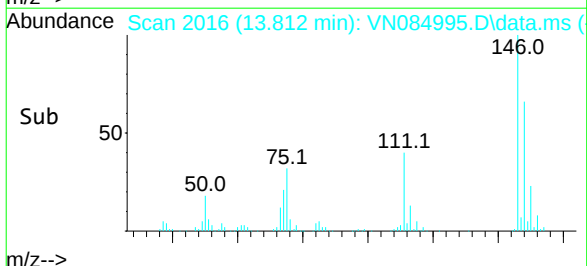
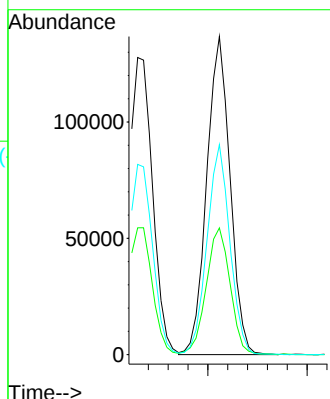
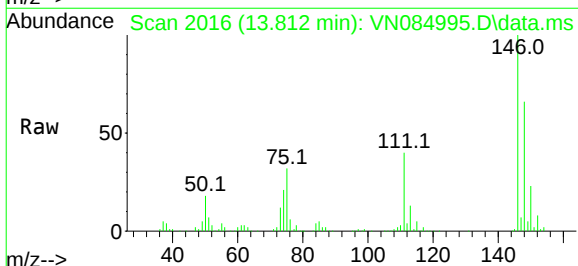
RT: 13.812 min Scan# 2016

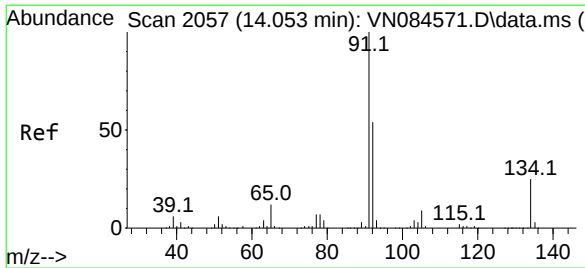
Delta R.T. -0.000 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

Tgt Ion:	146	Resp:	223550
Ion Ratio	Lower	Upper	
146	100		
111	40.7	21.2	63.6
148	64.7	31.9	95.9





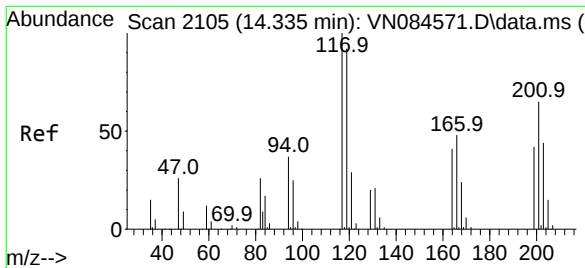
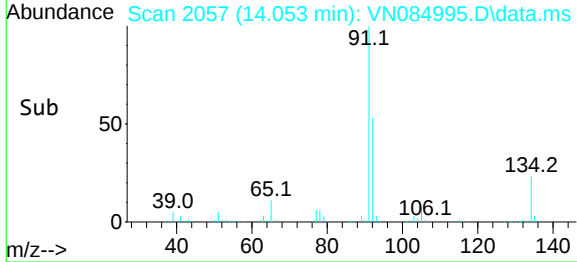
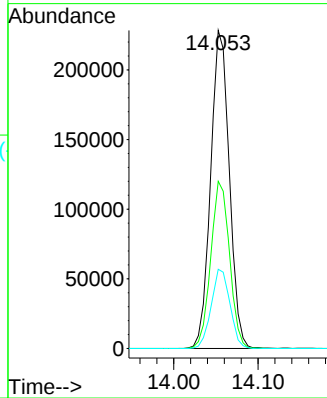
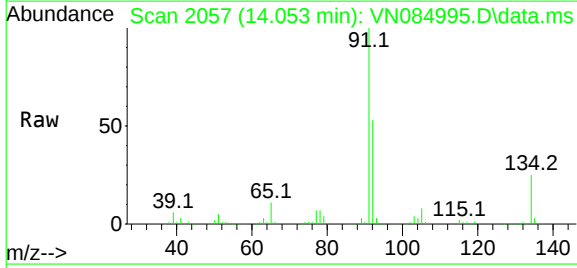
#89
n-Butylbenzene
Concen: 57.397 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	91	Resp:	350931
Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.6	79.7
134	25.0	12.3	36.9

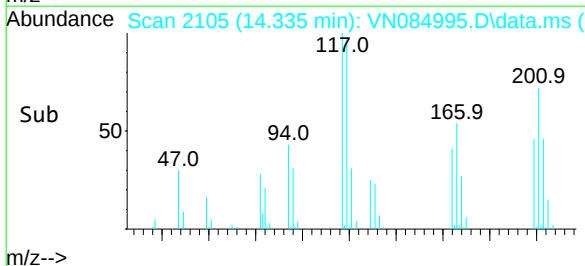
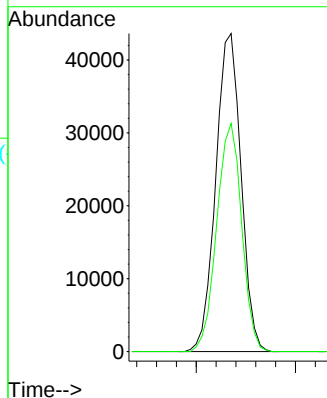
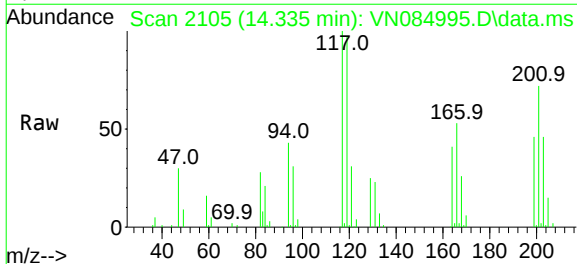
Manual Integrations
APPROVED

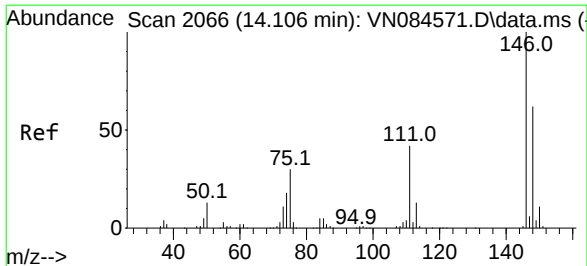
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#90
Hexachloroethane
Concen: 53.039 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

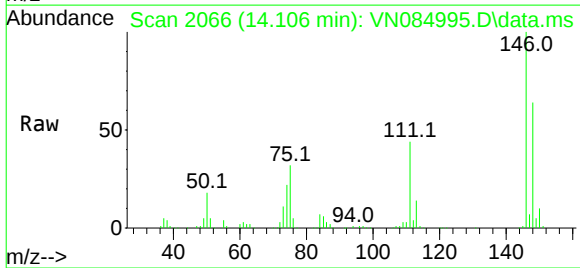
Tgt Ion:	117	Resp:	77311
Ion	Ratio	Lower	Upper
117	100		
201	70.7	34.4	103.2





#91
1,2-Dichlorobenzene
Concen: 53.489 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

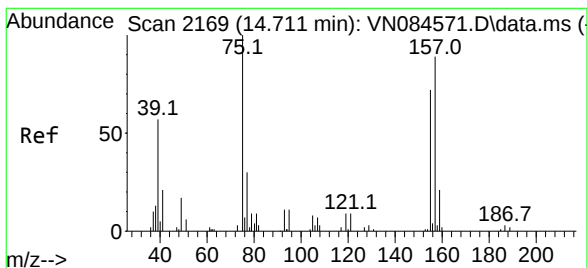
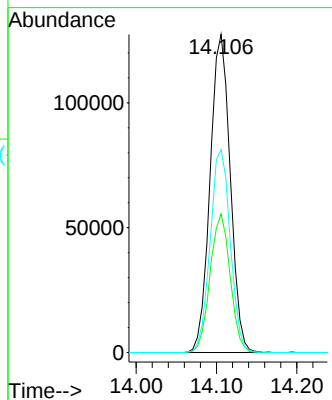
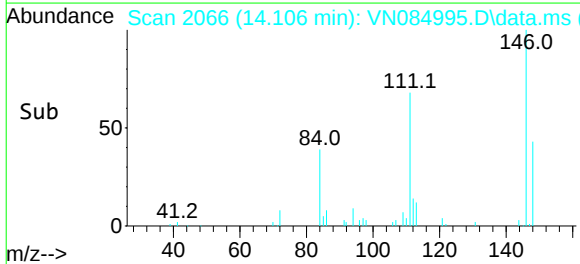
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 146 Resp: 221803
Ion Ratio Lower Upper
146 100
111 43.4 22.0 66.0
148 63.8 32.1 96.3

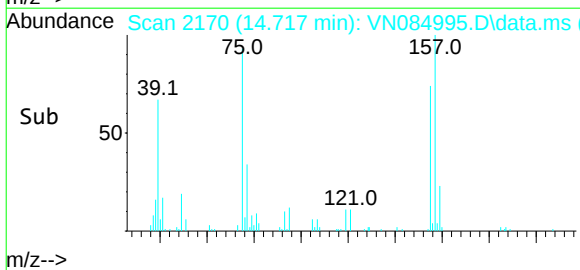
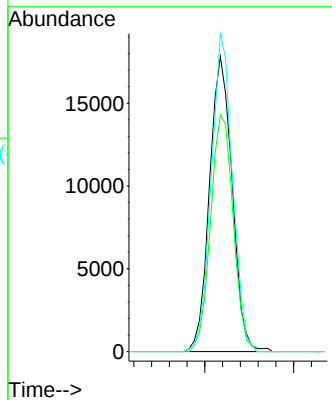
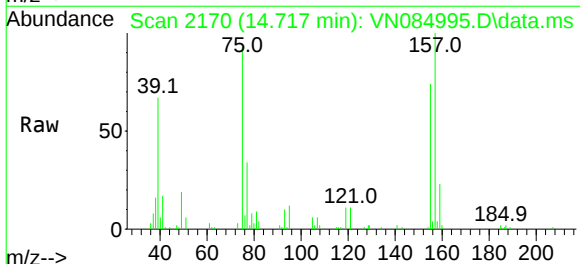
Manual Integrations
APPROVED

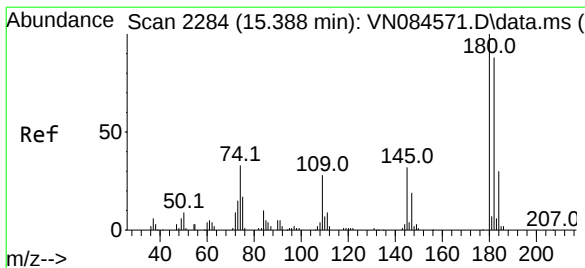
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.923 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion: 75 Resp: 31660
Ion Ratio Lower Upper
75 100
155 79.7 38.1 114.5
157 100.7 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 53.417 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 121241

Ion Ratio Lower Upper

180 100

182 93.3 47.0 141.0

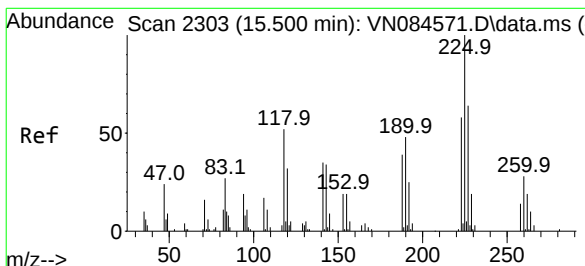
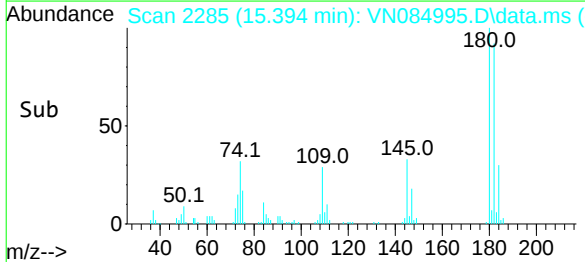
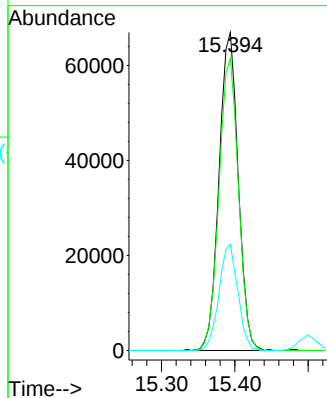
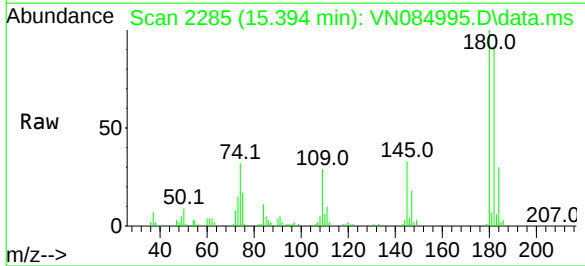
145 33.0 16.4 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#94

Hexachlorobutadiene

Concen: 55.259 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

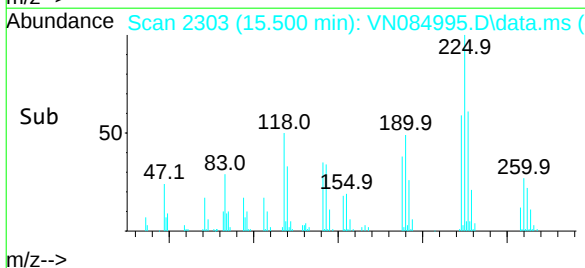
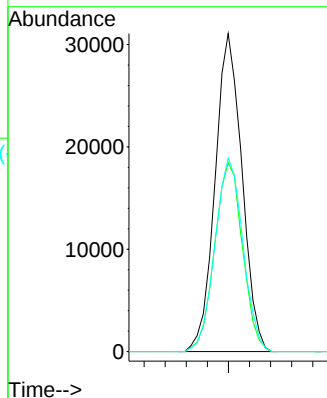
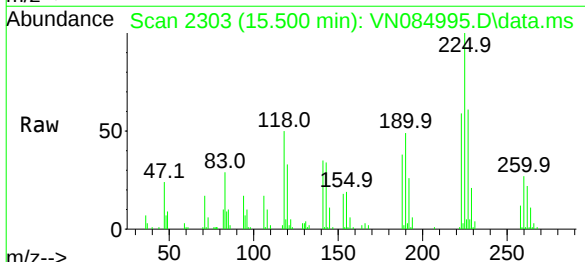
Tgt Ion:225 Resp: 55078

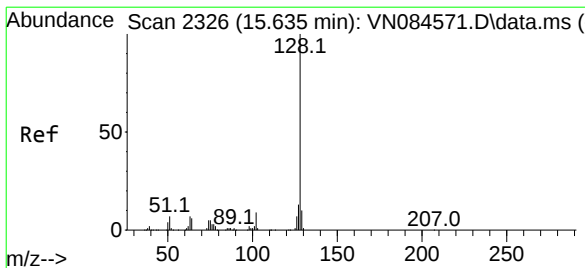
Ion Ratio Lower Upper

225 100

223 61.5 32.4 97.2

227 63.4 32.4 97.0





#95

Naphthalene

Concen: 56.918 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

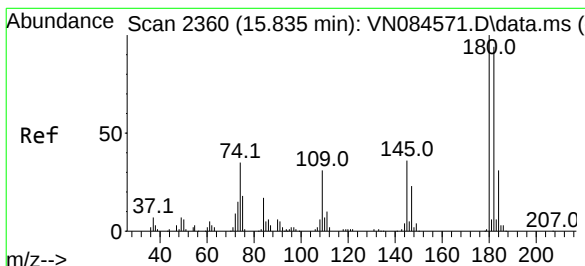
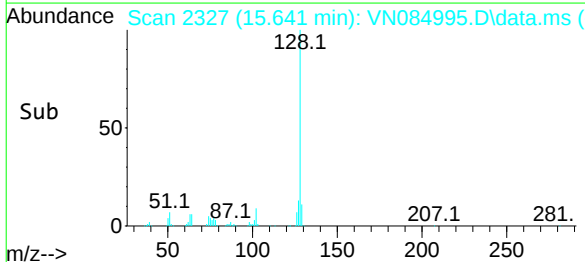
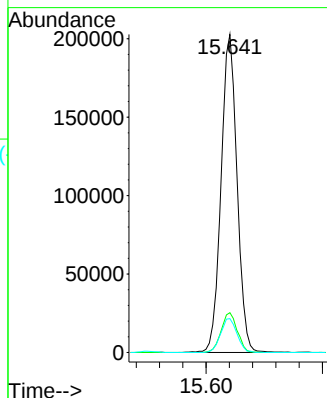
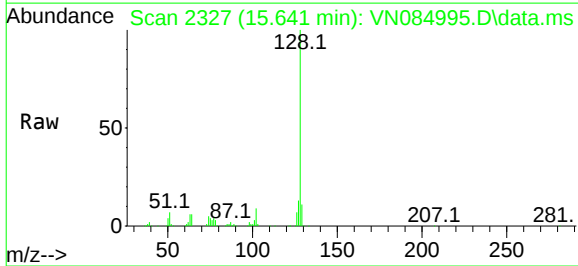
Tgt Ion:	128	Resp:	386679
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.5	15.7
129	10.9	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#96

1,2,3-Trichlorobenzene

Concen: 53.096 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

Tgt Ion:	180	Resp:	116984
Ion Ratio	Lower	Upper	
180	100		
182	95.7	48.2	144.6
145	34.2	17.3	51.9

