

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112524\
 Data File : VN085022.D
 Acq On : 25 Nov 2024 10:59
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Nov 25 15:13:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/25/2024
 Supervised By : Mahesh Dadoda 11/26/2024

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

Internal Standards						
1) Bromochloromethane	7.812	128	28386	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	151585	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	140690	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	69639	30.516	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.733%			
60) 4-Bromofluorobenzene	12.847	95	75100	31.002	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 103.333%			
63) Toluene-d8	10.565	98	198298	29.773	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.233%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	35287	21.373	ug/l	95
3) Chloromethane	2.359	50	37727	18.980	ug/l	100
4) Vinyl Chloride	2.512	62	36081	19.548	ug/l	95
5) Bromomethane	2.901	94	19133	20.423	ug/l	98
6) Chloroethane	3.083	64	26403	21.786	ug/l #	89
7) Trichlorofluoromethane	3.477	101	62824	20.958	ug/l	91
8) Diethyl Ether	3.953	74	20750	19.406	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	36113	21.317	ug/l	98
10) 1,1-Dichloroethene	4.330	96	32558	19.681	ug/l	90
11) Methyl Iodide	4.583	142	47215	20.766	ug/l	92
12) Methyl Acetate	5.018	43	42065	16.313	ug/l	90
13) Acrolein	4.171	56	30049	94.498	ug/l	99
14) Acrylonitrile	5.712	53	78901	93.532	ug/l	96
15) Acetone	4.424	58	21524	99.303	ug/l	99
16) Carbon Disulfide	4.700	76	91459	18.789	ug/l	99
17) Allyl chloride	5.018	41	50306	17.846	ug/l	99
18) Methylene Chloride	5.271	84	38266	19.739	ug/l	96
19) trans-1,2-Dichloroethene	5.777	96	32667	18.840	ug/l	86
20) Diisopropyl ether	6.665	45	108857	19.291	ug/l	99
21) 1,1-Dichloroethane	6.559	63	67015	19.748	ug/l	98
22) cis-1,2-Dichloroethene	7.488	96	39046	18.861	ug/l	99
23) tert-Butyl Alcohol	5.542	59	26364	89.521	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	102138	19.092	ug/l	96
25) Chloroform	7.959	83	69090	19.871	ug/l	98
26) Cyclohexane	8.253	56	51888	20.017	ug/l #	97
29) 1,1-Dichloropropene	8.365	75	45502	19.929	ug/l	98
30) 2-Butanone	7.483	43	100133	95.076	ug/l	99
31) 2,2-Dichloropropane	7.483	77	59763	21.443	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	63404	20.441	ug/l	99
33) Carbon Tetrachloride	8.359	117	54925	20.751	ug/l	94
34) Benzene	8.600	78	148572	19.687	ug/l	96
35) Methacrylonitrile	7.771	41	24186	19.376	ug/l	97
36) 1,2-Dichloroethane	8.665	62	50965	20.307	ug/l #	87
37) Trichloroethene	9.347	130	33887	19.904	ug/l	97
38) Methylcyclohexane	9.600	83	48147	19.588	ug/l	100
39) 1,2-Dichloropropane	9.612	63	36132	19.889	ug/l	91
40) Dibromomethane	9.706	93	24720	19.451	ug/l	96
41) Bromodichloromethane	9.882	83	53929	19.794	ug/l	96
42) Vinyl Acetate	6.594	43	376377	95.607	ug/l	99

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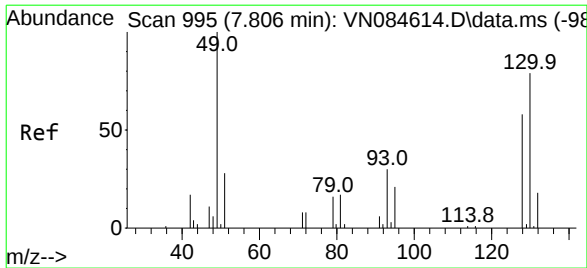
Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/25/2024
 Supervised By : Mahesh Dadoda 11/26/2024

Quant Time: Nov 25 15:13:15 2024
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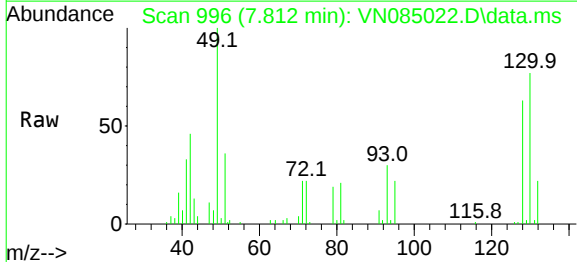
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	41312	18.668	ug/l #	87
44) Isopropyl Acetate	8.683	43	71406	15.935	ug/l	94
45) 1,4-Dioxane	9.694	88	11548	386.000	ug/l	96
46) Methyl methacrylate	9.677	41	31556	17.523	ug/l	89
47) n-amyl Acetate	12.494	43	56815	16.976	ug/l	100
48) t-1,3-Dichloropropene	10.829	75	50413	18.739	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	56704	19.667	ug/l	96
50) 1,1,2-Trichloroethane	11.012	97	34229	20.079	ug/l	90
51) Ethyl methacrylate	10.871	69	47848	18.209	ug/l	94
52) 1,3-Dichloropropane	11.159	76	57760	19.520	ug/l	98
53) Dibromochloromethane	11.353	129	39663	19.882	ug/l	98
54) 1,2-Dibromoethane	11.465	107	34013	19.727	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	102375	79.467	ug/l	98
56) Bromoform	12.576	173	26099	19.518	ug/l	98
58) 4-Methyl-2-Pentanone	10.441	43	202751	91.348	ug/l	98
59) 2-Hexanone	11.194	43	150357	92.511	ug/l	97
61) Tetrachloroethene	11.100	164	29649	20.136	ug/l	94
62) Toluene	10.629	91	153861	19.201	ug/l	98
64) Chlorobenzene	11.888	112	93484	19.325	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.959	131	35968	20.231	ug/l	99
66) Ethyl Benzene	11.959	91	157475	18.700	ug/l	95
67) m/p-Xylenes	12.065	106	124579	38.640	ug/l	98
68) o-Xylene	12.394	106	57751	18.569	ug/l	93
69) Styrene	12.412	104	98061	18.805	ug/l	99
70) Isopropylbenzene	12.694	105	148650	19.240	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	47890	19.124	ug/l	100
72) 1,2,3-Trichloropropane	12.988	75	44267m	20.702	ug/l	
73) Bromobenzene	12.976	156	39487	19.816	ug/l	98
74) n-propylbenzene	13.035	91	174516	19.317	ug/l	100
75) 2-Chlorotoluene	13.123	91	115292	19.597	ug/l	97
76) 1,3,5-Trimethylbenzene	13.170	105	129068	19.552	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	16011	18.257	ug/l	87
78) 4-Chlorotoluene	13.218	91	111612	18.777	ug/l	99
79) tert-butylbenzene	13.435	119	105981	19.414	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	132299	19.866	ug/l	96
81) sec-Butylbenzene	13.612	105	147631	19.626	ug/l	100
82) p-Isopropyltoluene	13.729	119	124803	19.746	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	70408	19.105	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	67627	18.571	ug/l	99
85) n-Butylbenzene	14.053	91	100290	18.893	ug/l	97
86) Hexachloroethane	14.329	117	25474	19.707	ug/l	97
87) 1,2-Dichlorobenzene	14.106	146	68817	18.950	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	9079	18.790	ug/l	95
89) 1,2,4-Trichlorobenzene	15.835	180	31668	17.910	ug/l	97
90) Hexachlorobutadiene	15.494	225	17151	22.206	ug/l	95
91) Naphthalene	15.635	128	90609	16.046	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	31668	17.910	ug/l	97

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 995
Delta R.T. 0.006 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

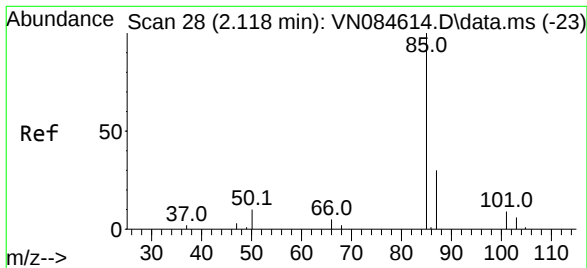
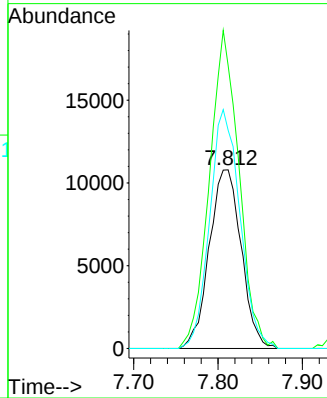
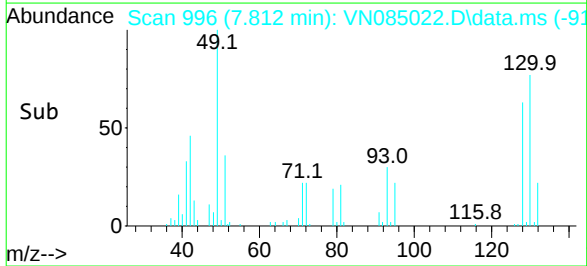
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



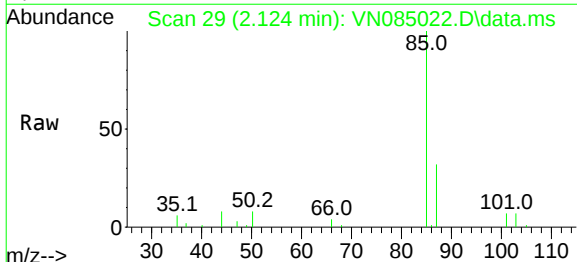
Tgt Ion: 128 Resp: 28386
Ion Ratio Lower Upper
128 100
49 163.7 0.0 427.0
130 127.1 0.0 322.2

Manual Integrations
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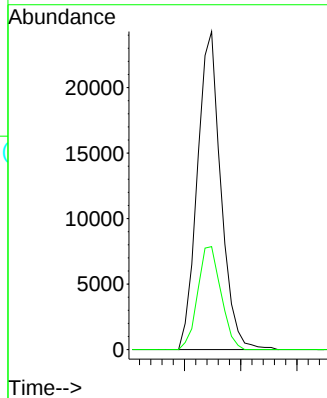
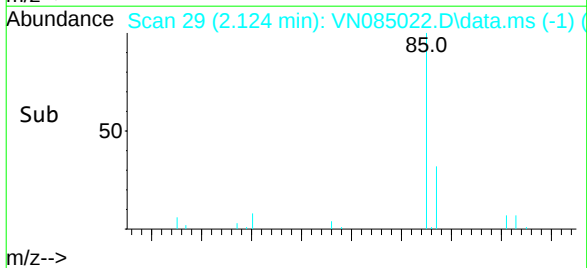
Reviewed By : John Carlone 11/25/2024
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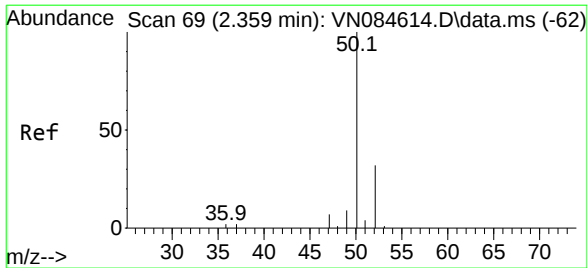


#2
Dichlorodifluoromethane
Concen: 21.373 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.006 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59



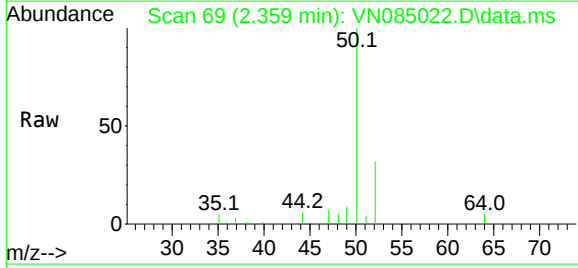
Tgt Ion: 85 Resp: 35287
Ion Ratio Lower Upper
85 100
87 32.4 14.9 44.9





#3
Chloromethane
Concen: 18.980 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

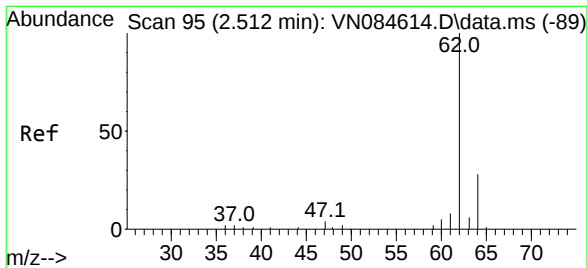
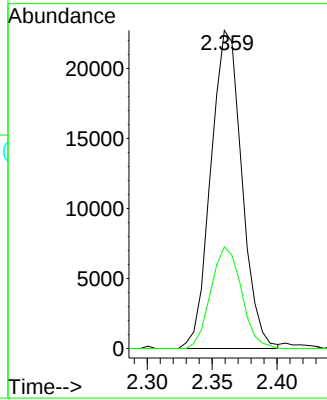
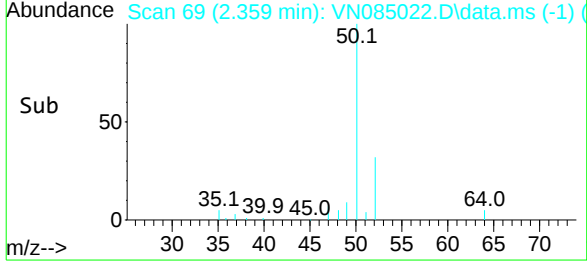
Instrument :
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ClientSampleId :
VSTDCCC020



Tgt Ion: 50 Resp: 37727
Ion Ratio Lower Upper
50 100
52 31.9 25.5 38.3

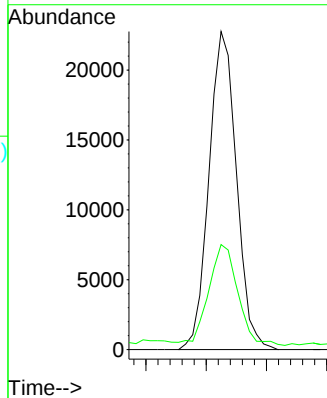
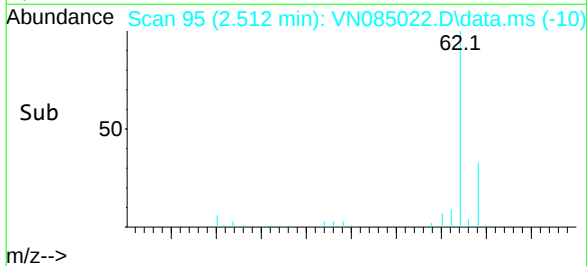
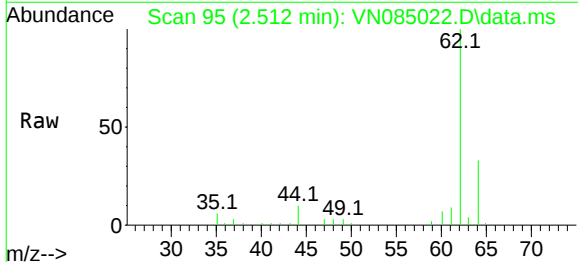
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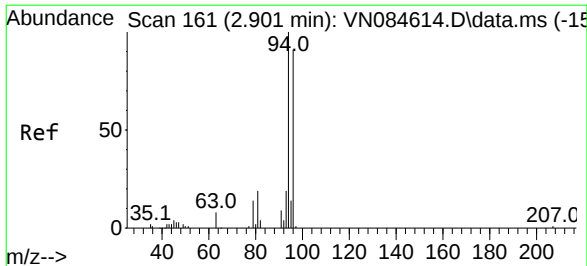
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#4
Vinyl Chloride
Concen: 19.548 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Tgt Ion: 62 Resp: 36081
Ion Ratio Lower Upper
62 100
64 31.4 23.1 34.7





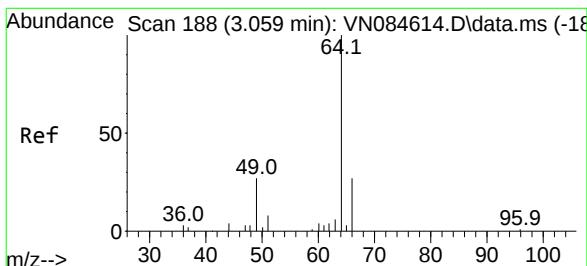
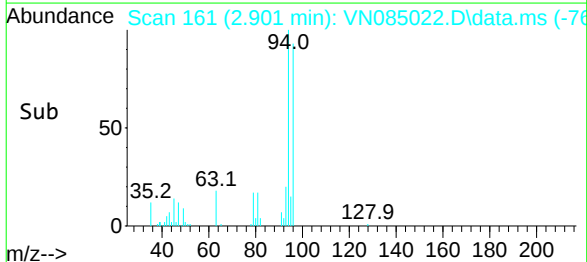
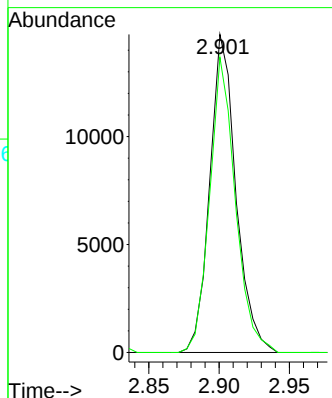
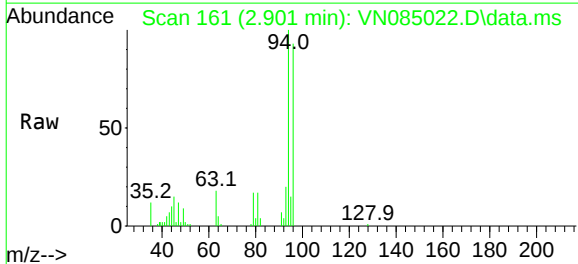
#5
Bromomethane
Concen: 20.423 ug/l
RT: 2.901 min Scan# 161
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 19133
Ion Ratio Lower Upper
94 100
96 92.8 72.7 109.1

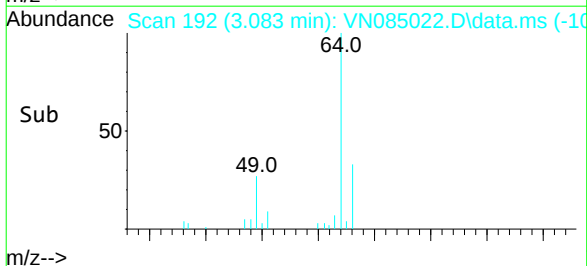
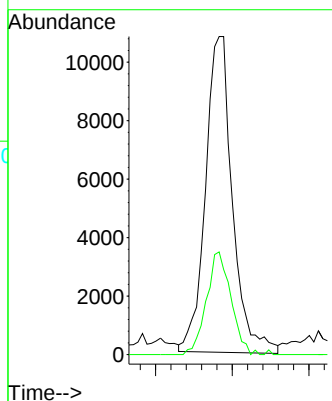
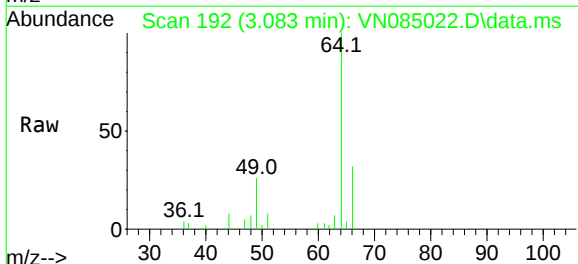
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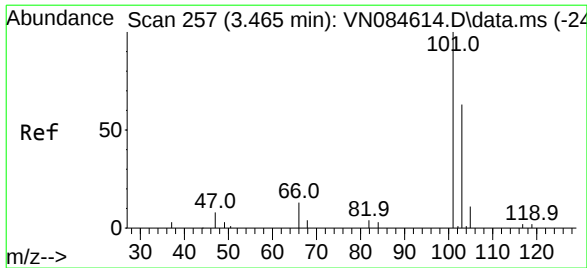
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#6
Chloroethane
Concen: 21.786 ug/l
RT: 3.083 min Scan# 192
Delta R.T. 0.023 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

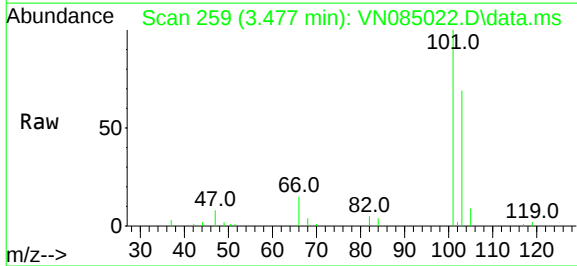
Tgt Ion: 64 Resp: 26403
Ion Ratio Lower Upper
64 100
66 33.2 22.1 33.1#





Trichlorofluoromethane
 Concen: 20.958 ug/l
 RT: 3.477 min Scan# 257
 Delta R.T. 0.012 min
 Lab File: VN085022.D
 Acq: 25 Nov 2024 10:59

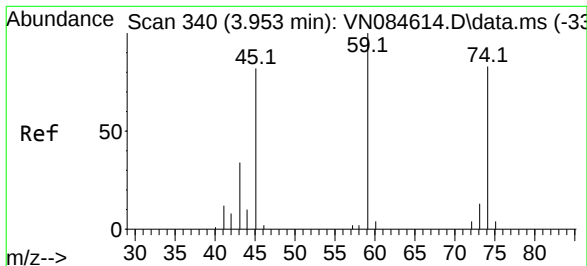
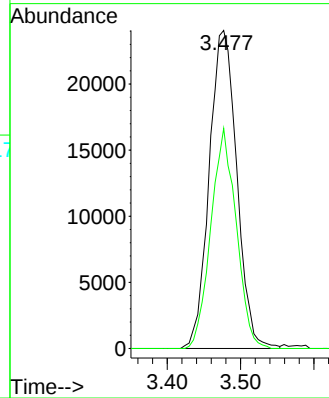
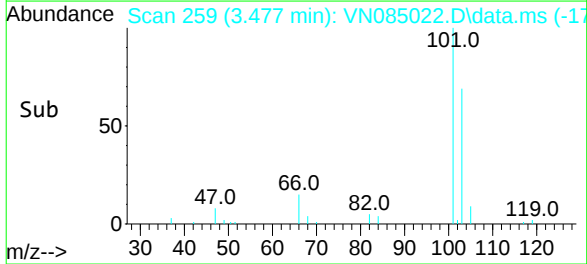
Instrument :
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Tgt Ion: 101 Resp: 62824
 Ion Ratio Lower Upper
 101 100
 103 69.2 50.1 75.1

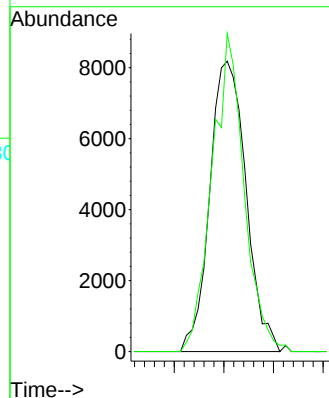
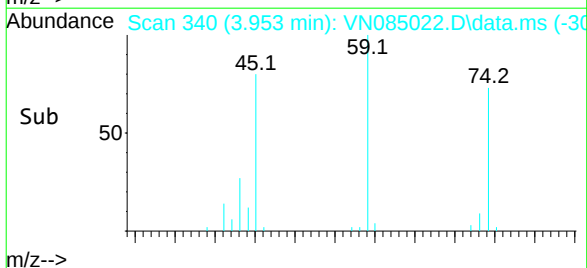
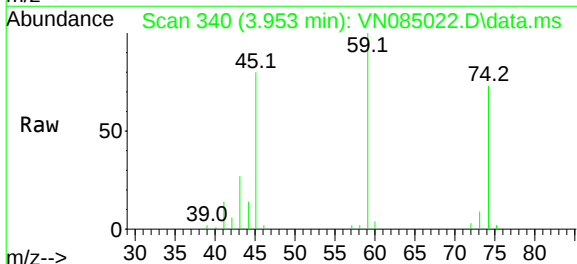
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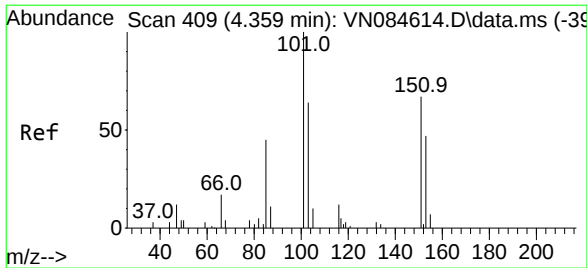
Reviewed By : John Carlone 11/25/2024
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Diethyl Ether
 Concen: 19.406 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VN085022.D
 Acq: 25 Nov 2024 10:59

Tgt Ion: 74 Resp: 20750
 Ion Ratio Lower Upper
 74 100
 45 96.8 19.8 178.4





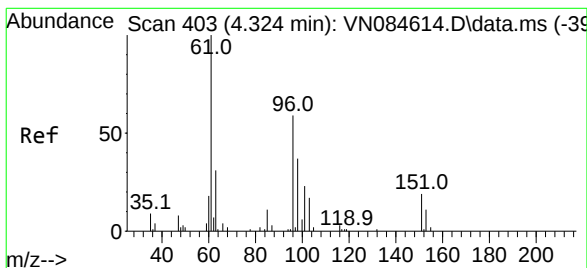
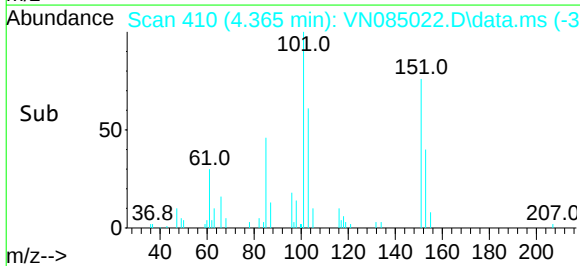
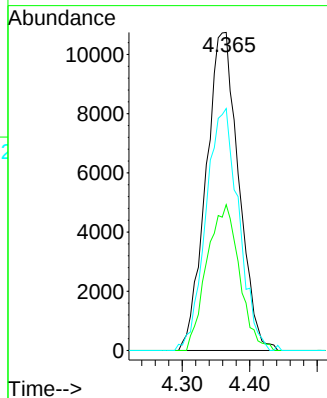
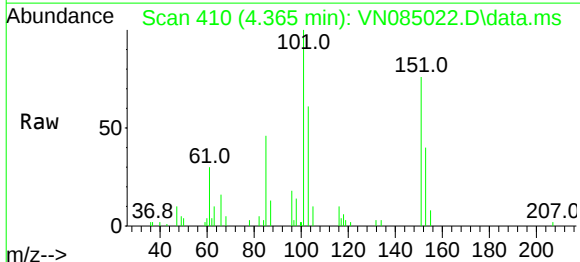
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1,1,2-Trichlorotrifluoroethane
Concen: 21.317 ug/l
RT: 4.365 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN085022.D
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Instrument :
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ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 36113
Ion Ratio Lower Upper
101 100
85 45.6 0.0 89.6
151 76.3 0.0 149.4

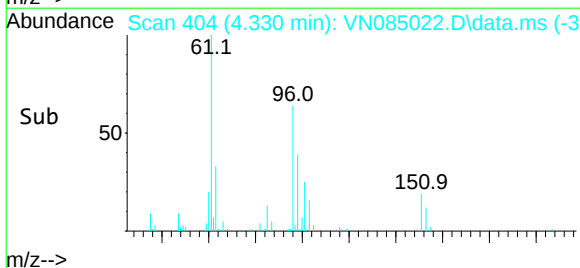
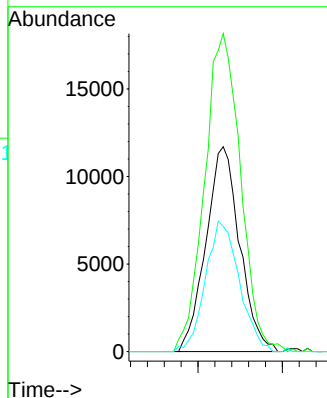
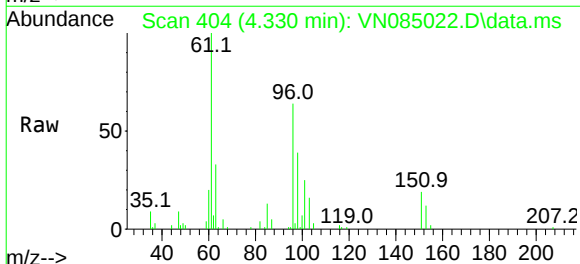
Manual Integrations
APPROVED

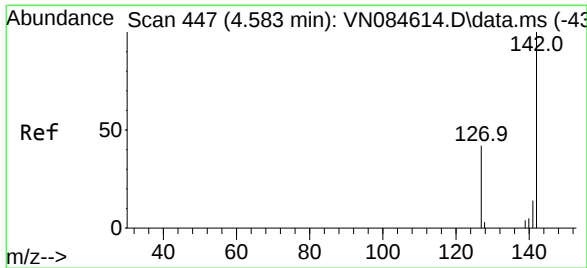
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#10
1,1-Dichloroethene
Concen: 19.681 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.006 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

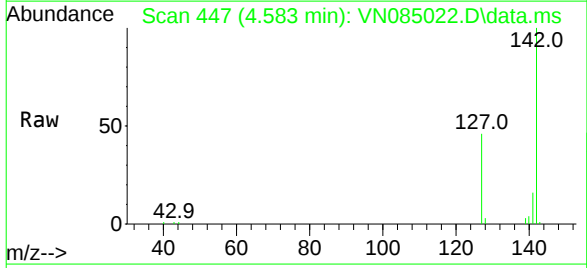
Tgt Ion: 96 Resp: 32558
Ion Ratio Lower Upper
96 100
61 151.4 135.1 202.7
98 61.1 50.4 75.6





#11
Methyl Iodide
Concen: 20.766 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

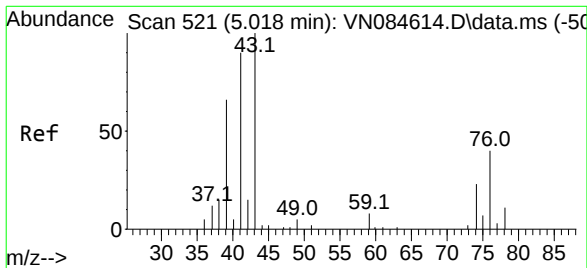
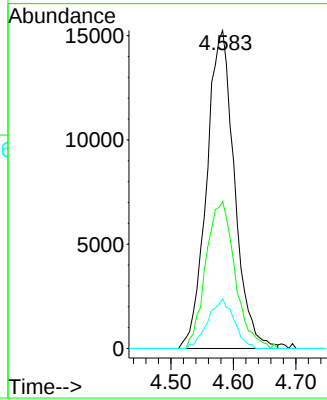
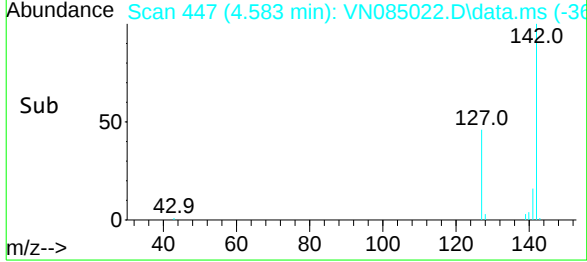
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



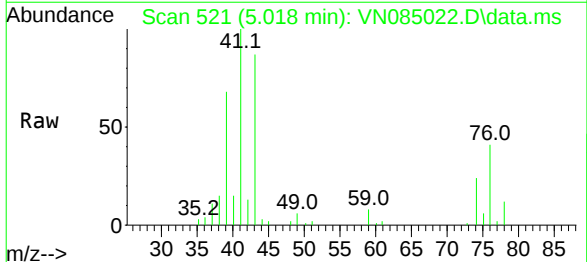
Tgt Ion: 142 Resp: 47215
Ion Ratio Lower Upper
142 100
127 46.5 20.3 60.9
141 15.7 6.9 20.7

Manual Integrations
APPROVED

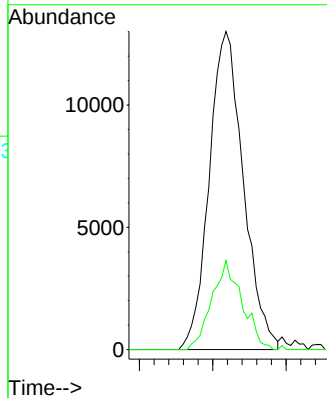
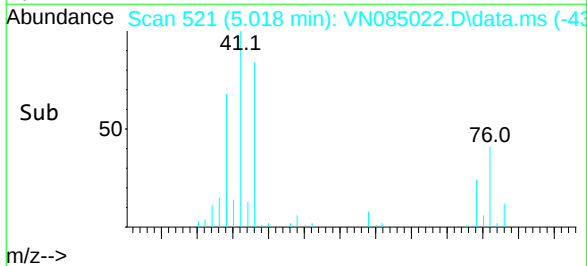
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024

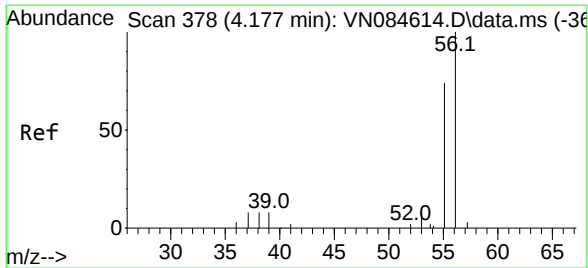


#12
Methyl Acetate
Concen: 16.313 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59



Tgt Ion: 43 Resp: 42065
Ion Ratio Lower Upper
43 100
74 28.4 19.0 28.4





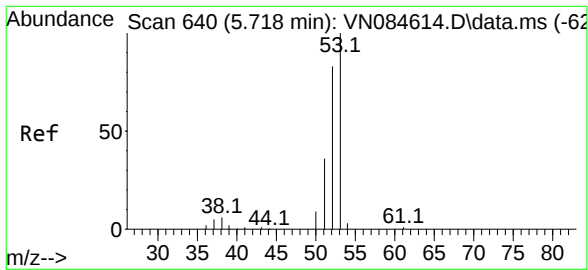
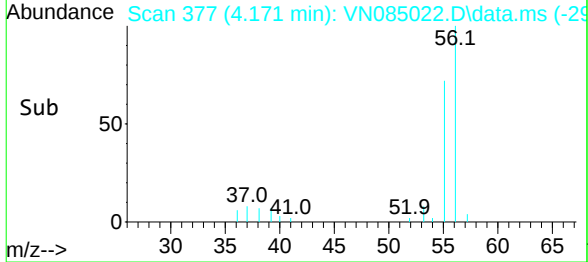
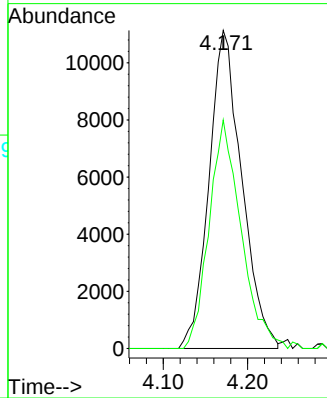
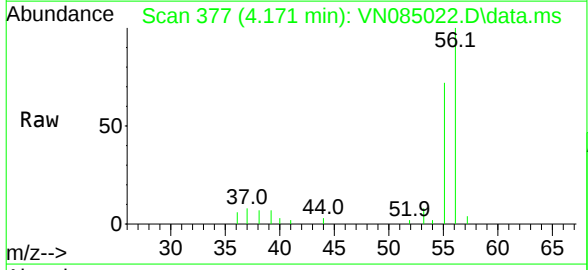
#13
Acrolein
Concen: 94.498 ug/l
RT: 4.171 min Scan# 371
Delta R.T. -0.006 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
56	100		
55	69.9	56.7	85.1

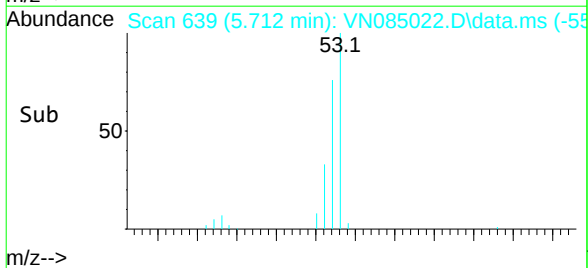
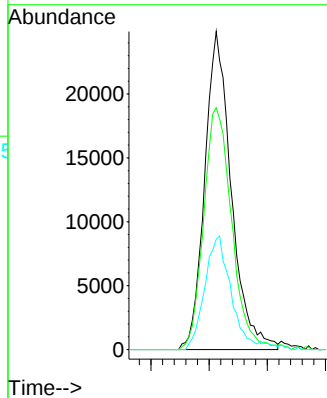
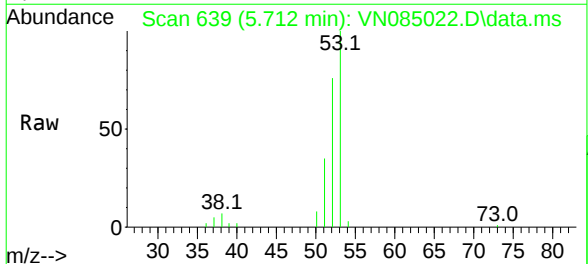
Manual Integrations
APPROVED

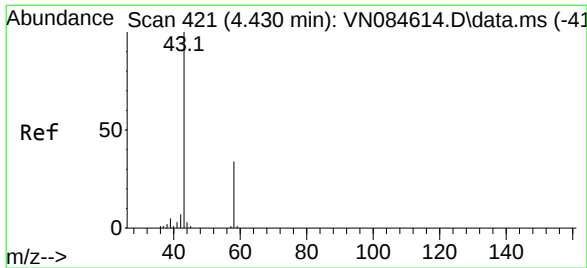
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#14
Acrylonitrile
Concen: 93.532 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Tgt Ion	Ratio	Lower	Upper
53	100		
52	79.1	41.6	124.9
51	34.7	18.2	54.6





#15

Acetone

Concen: 99.303 ug/l

RT: 4.424 min Scan# 421

Delta R.T. -0.006 min

Lab File: VN085022.D

Acq: 25 Nov 2024 10:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 58 Resp: 21524

Ion Ratio Lower Upper

58 100

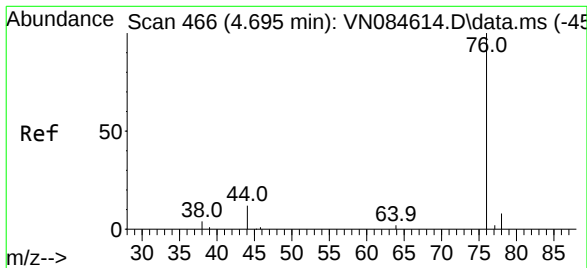
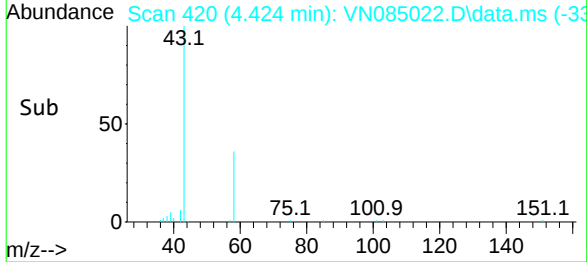
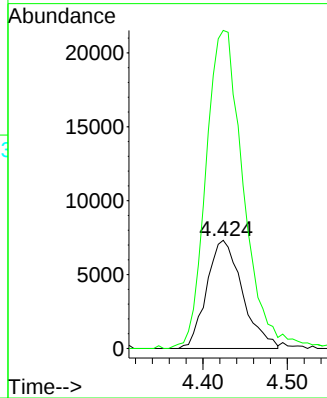
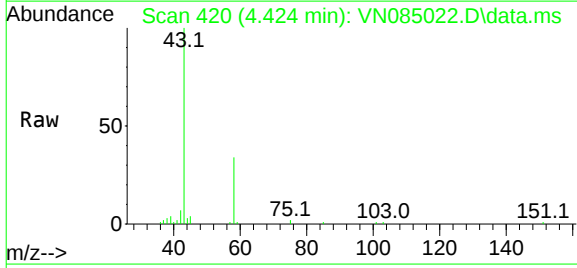
43 290.1 233.0 349.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/26/2024



#16

Carbon Disulfide

Concen: 18.789 ug/l

RT: 4.700 min Scan# 467

Delta R.T. 0.006 min

Lab File: VN085022.D

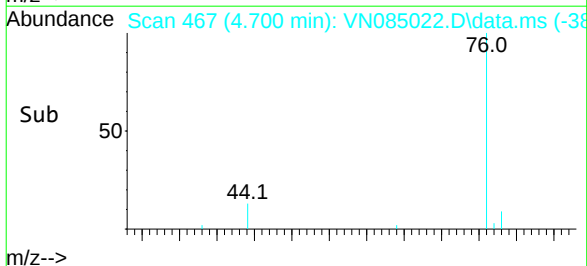
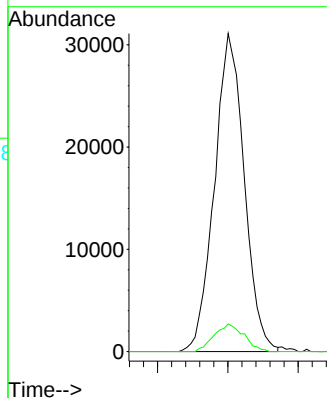
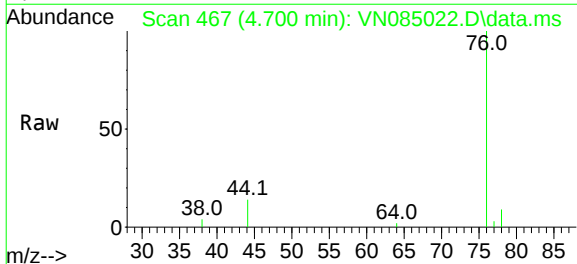
Acq: 25 Nov 2024 10:59

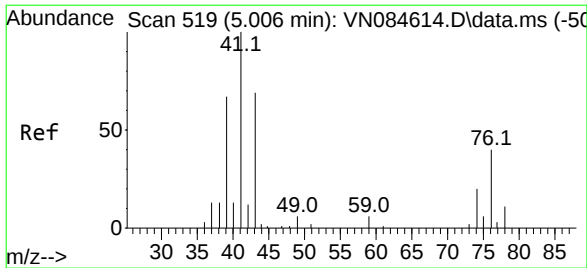
Tgt Ion: 76 Resp: 91459

Ion Ratio Lower Upper

76 100

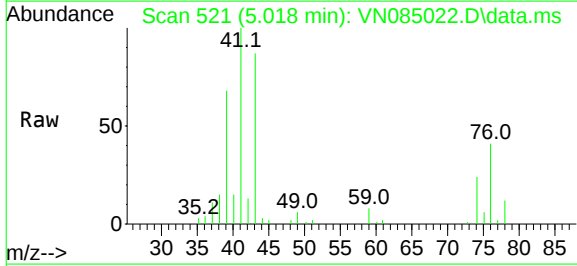
78 8.7 6.6 9.8





#17
 Allyl chloride
 Concen: 17.846 ug/l
 RT: 5.018 min Scan# 521
 Delta R.T. 0.012 min
 Lab File: VN085022.D
 Acq: 25 Nov 2024 10:59

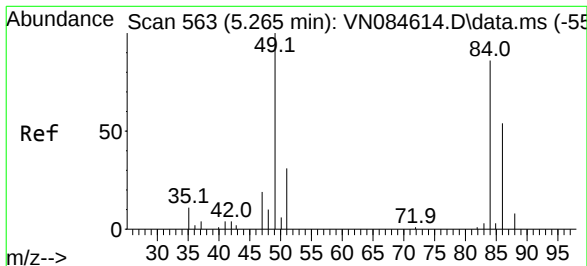
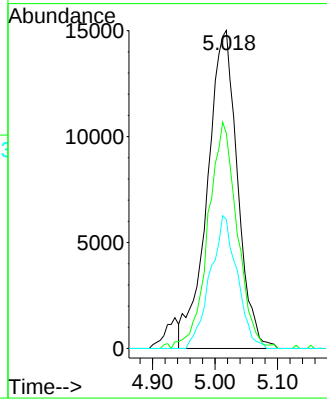
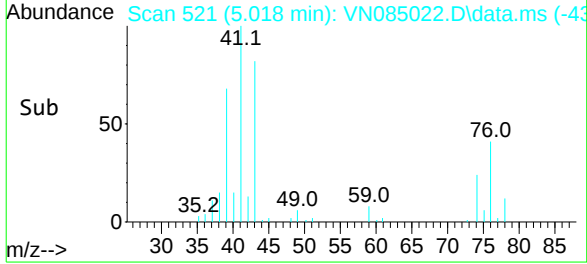
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



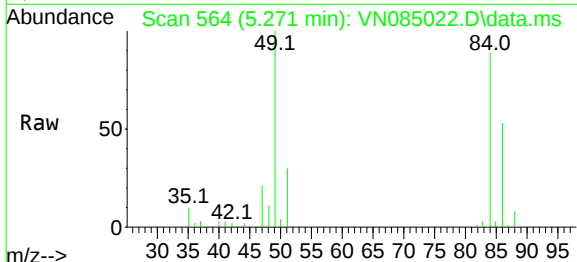
Tgt Ion: 41 Resp: 50306
 Ion Ratio Lower Upper
 41 100
 39 67.6 33.4 100.2
 76 40.6 20.2 60.6

Manual Integrations
 APPROVED

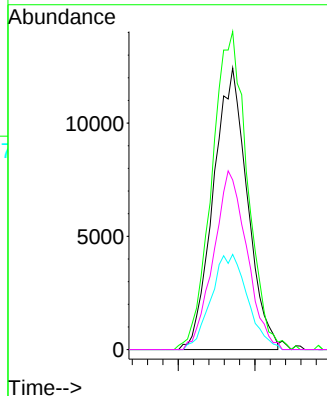
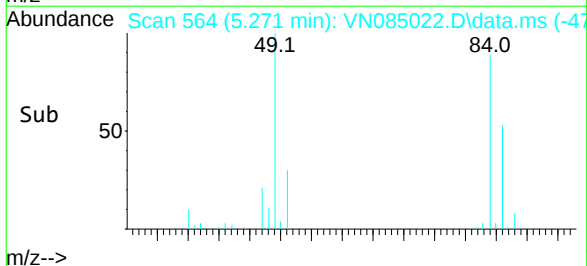
Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/26/2024

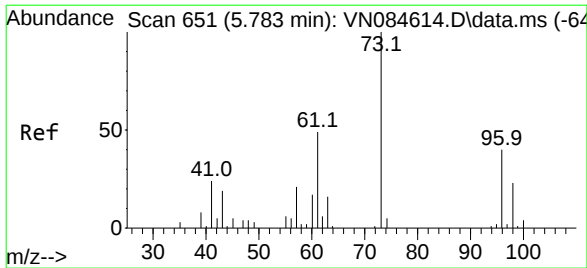


#18
 Methylene Chloride
 Concen: 19.739 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. 0.006 min
 Lab File: VN085022.D
 Acq: 25 Nov 2024 10:59



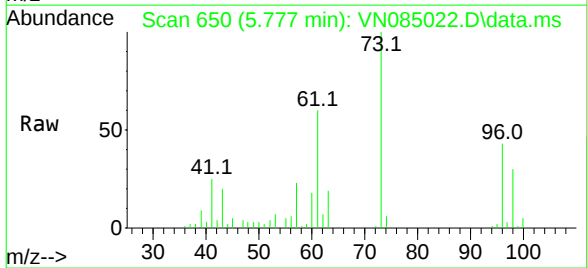
Tgt Ion: 84 Resp: 38266
 Ion Ratio Lower Upper
 84 100
 49 111.5 93.0 139.6
 51 33.8 28.9 43.3
 86 60.2 50.6 76.0





#19
trans-1,2-Dichloroethene
Concen: 18.840 ug/l
RT: 5.777 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

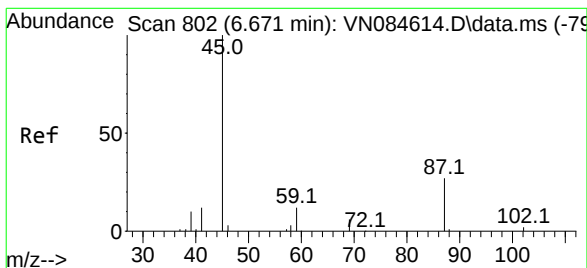
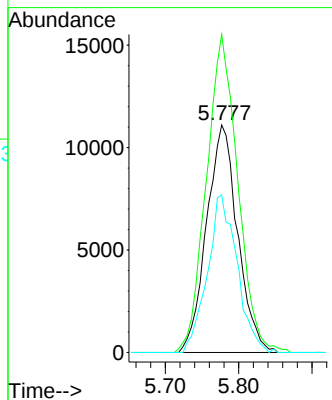
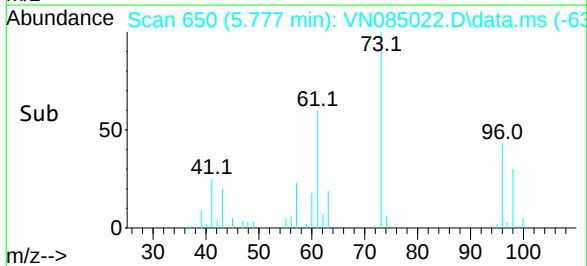
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



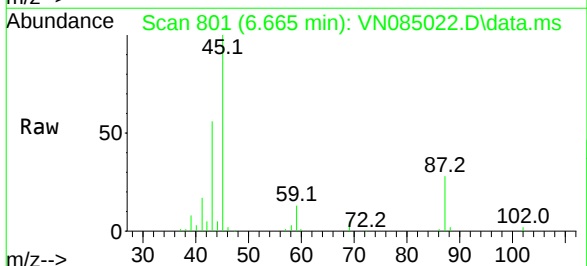
Tgt Ion: 96 Resp: 32667
Ion Ratio Lower Upper
96 100
61 138.2 98.1 147.1
98 69.2 46.6 69.8

Manual Integrations
APPROVED

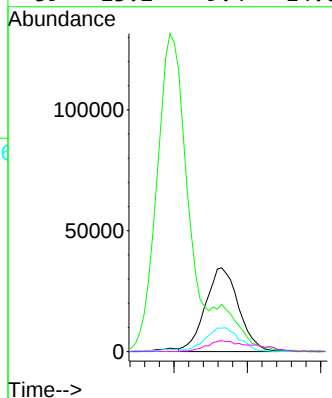
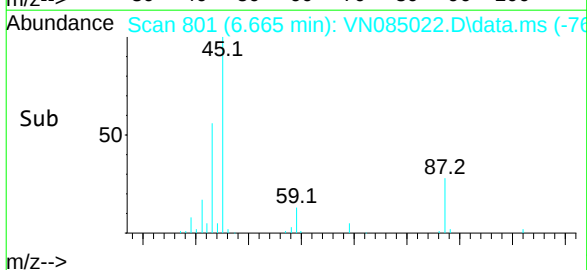
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024

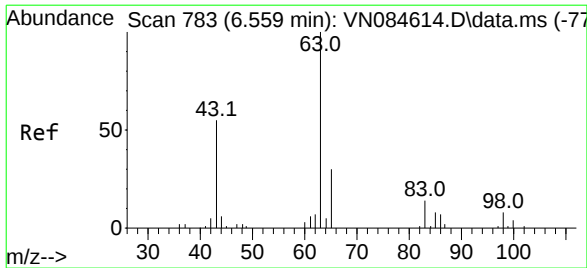


#20
Diisopropyl ether
Concen: 19.291 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59



Tgt Ion: 45 Resp: 108857
Ion Ratio Lower Upper
45 100
43 54.1 42.6 64.0
87 28.3 23.0 34.4
59 13.2 9.4 14.0





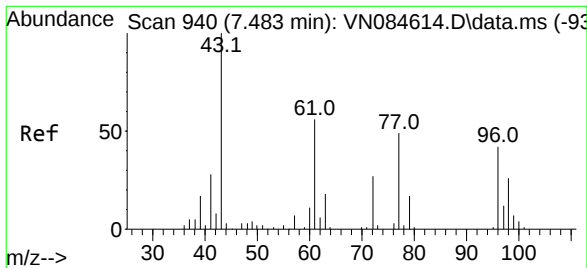
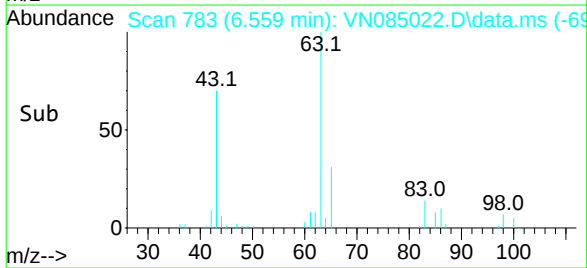
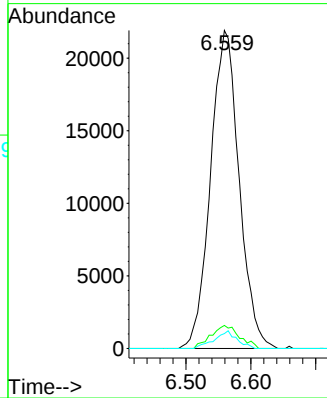
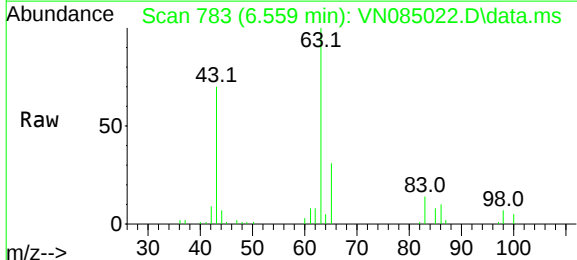
#21
1,1-Dichloroethane
Concen: 19.748 ug/l
RT: 6.559 min Scan# 783
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 67015
Ion Ratio Lower Upper
63 100
98 7.3 3.8 11.4
100 4.7 1.9 5.7

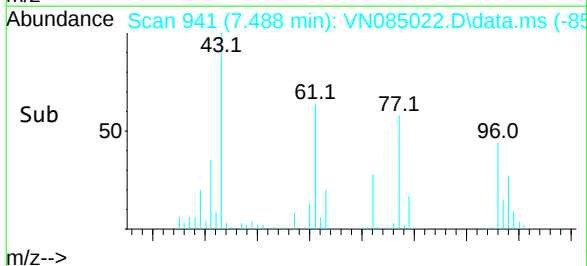
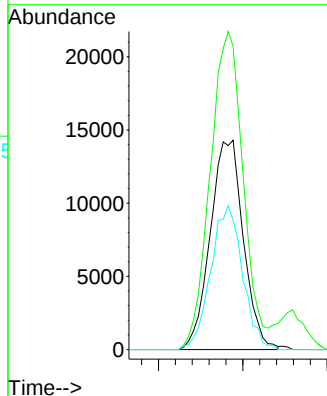
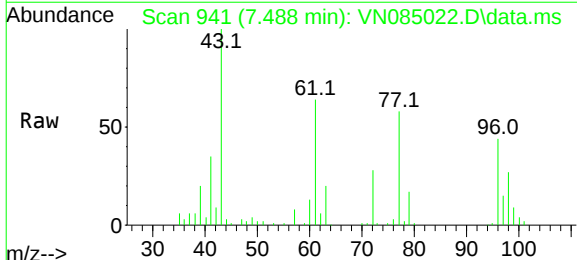
Manual Integrations
APPROVED

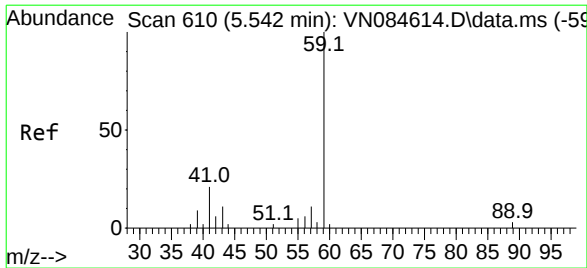
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#22
cis-1,2-Dichloroethene
Concen: 18.861 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Tgt Ion: 96 Resp: 39046
Ion Ratio Lower Upper
96 100
61 151.2 121.8 182.8
98 65.7 53.2 79.8





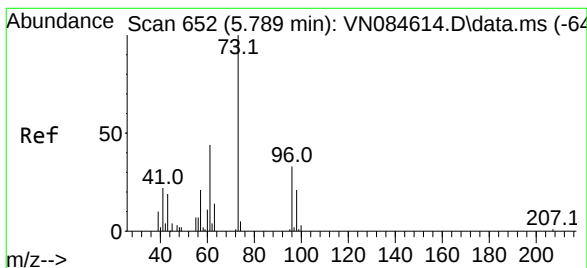
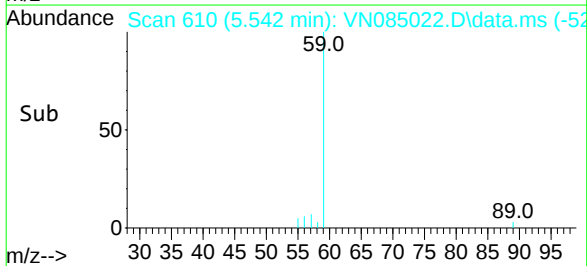
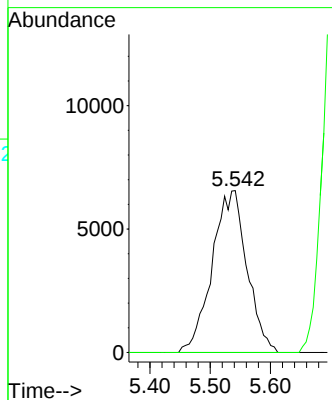
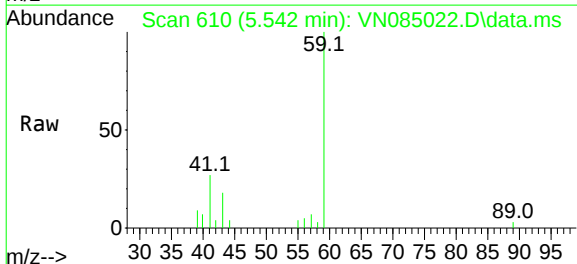
#23
tert-Butyl Alcohol
Concen: 89.521 ug/l
RT: 5.542 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 26364
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

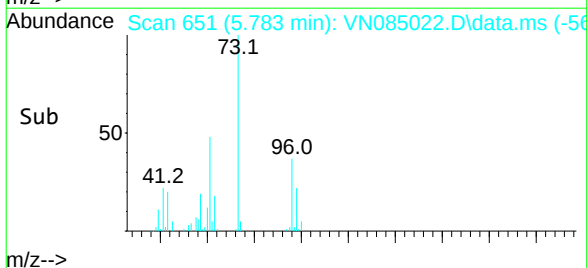
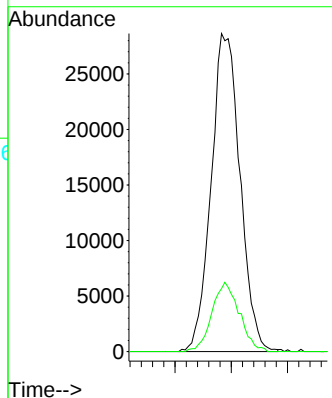
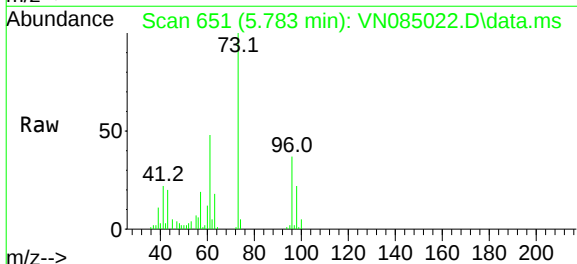
Manual Integrations
APPROVED

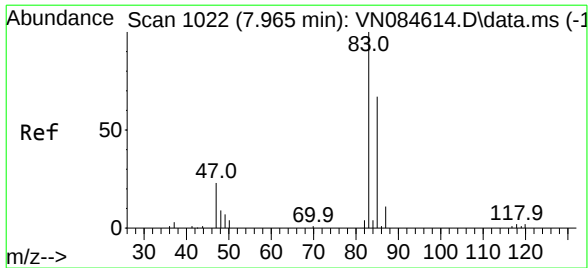
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#24
Methyl tert-Butyl Ether
Concen: 19.092 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Tgt Ion: 73 Resp: 102138
Ion Ratio Lower Upper
73 100
43 18.6 16.5 24.7





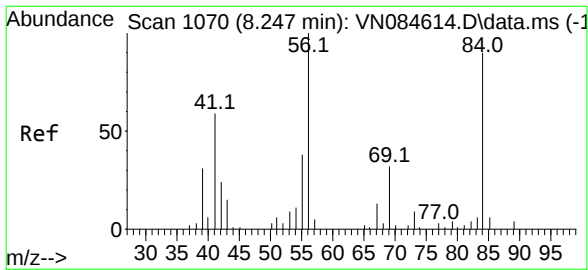
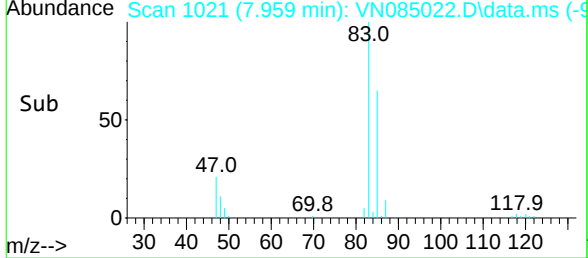
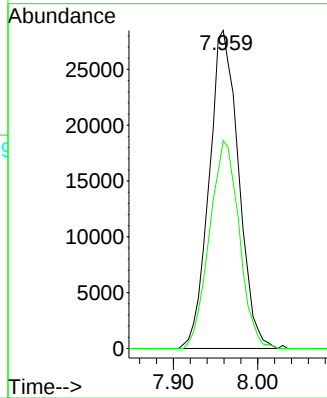
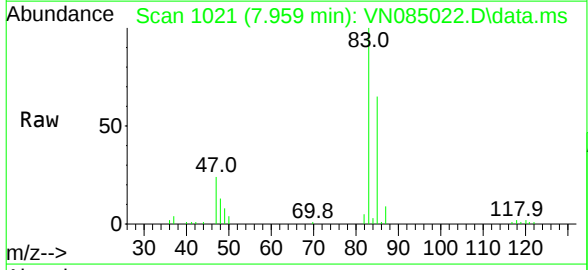
#25
Chloroform
Concen: 19.871 ug/l
RT: 7.959 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Instrument : MSVOA_N
ClientSampleId : VSTDCCC020

Tgt Ion:	83	Resp:	69090
Ion Ratio	Lower	Upper	
83	100		
85	65.4	53.4	80.2

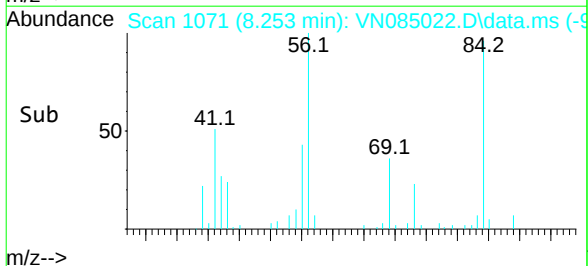
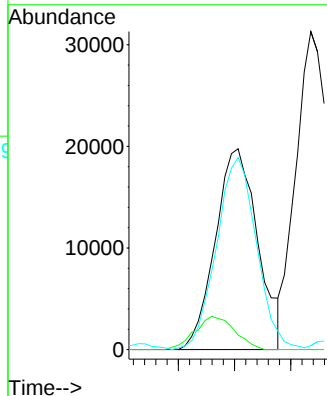
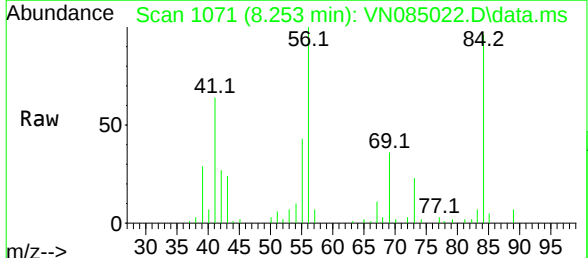
Manual Integrations
APPROVED

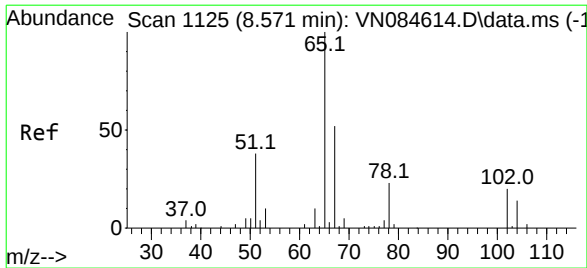
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#26
Cyclohexane
Concen: 20.017 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Tgt Ion:	56	Resp:	51888
Ion Ratio	Lower	Upper	
56	100		
89	15.5	3.0	4.4
84	90.1	70.6	106.0





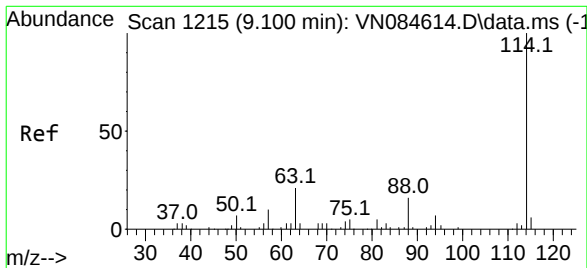
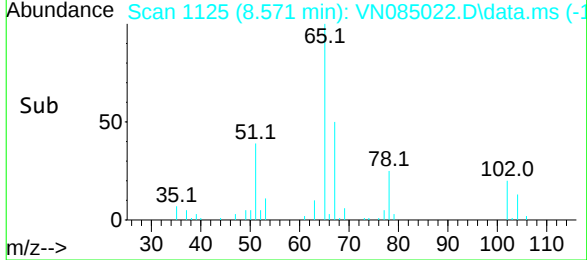
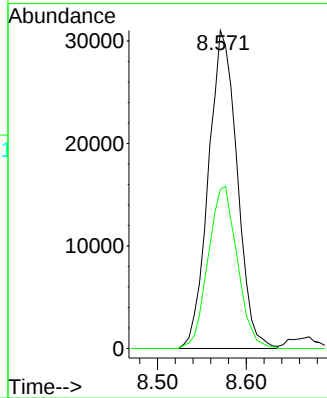
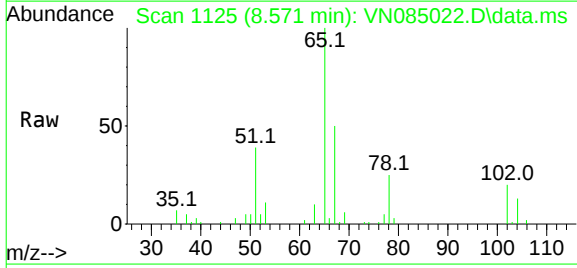
#27
1,2-Dichloroethane-d4
Concen: 30.516 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 65 Resp: 69639
Ion Ratio Lower Upper
65 100
67 51.7 40.7 61.1

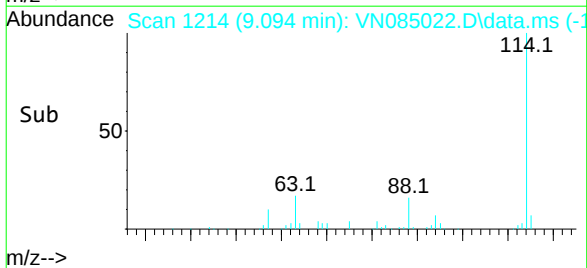
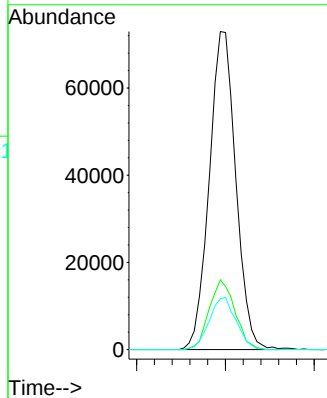
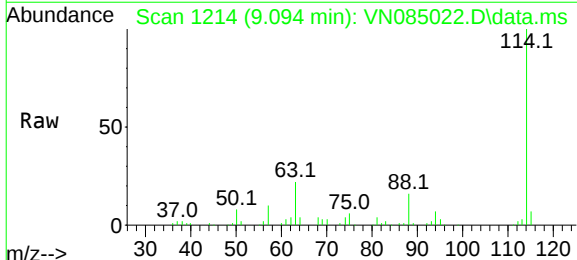
Manual Integrations
APPROVED

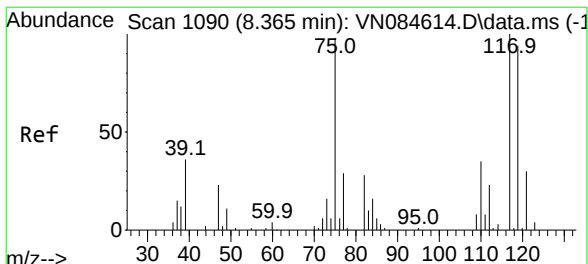
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

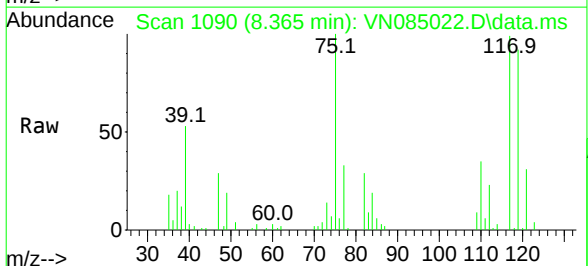
Tgt Ion:114 Resp: 151585
Ion Ratio Lower Upper
114 100
63 21.3 16.8 25.2
88 16.6 12.9 19.3





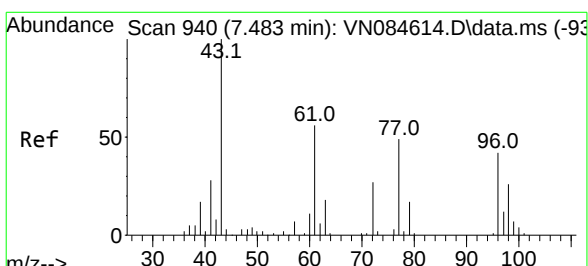
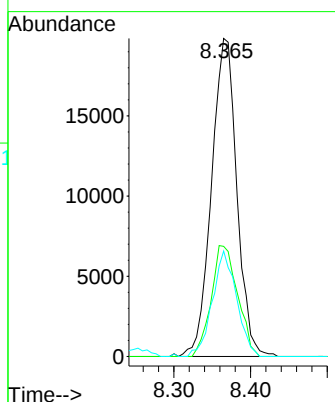
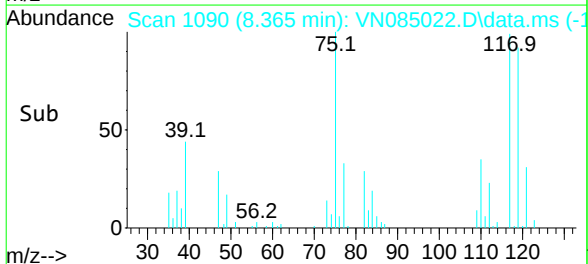
#29
 1,1-Dichloropropene
 Concen: 19.929 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. -0.000 min
 Lab File: VN085022.D
 Acq: 25 Nov 2024 10:59

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC020

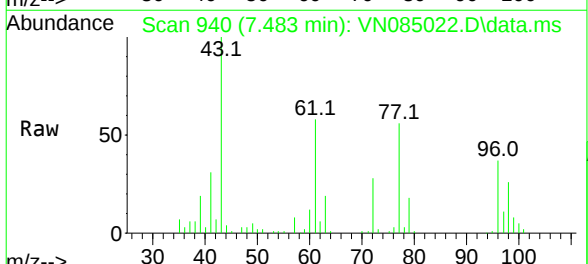


Tgt Ion:	75	Resp:	45502
Ion	Ratio	Lower	Upper
75	100		
110	36.3	0.0	69.4
77	31.6	0.0	62.0

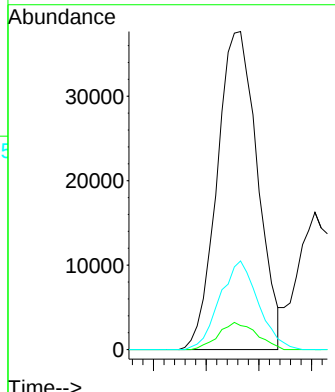
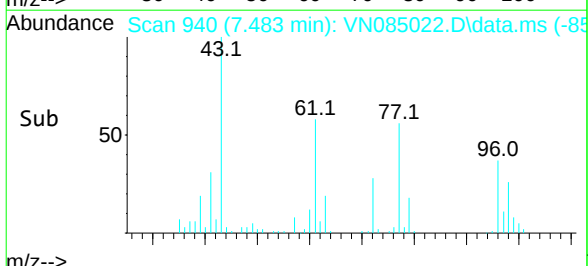
Manual Integrations
APPROVED
 Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/26/2024

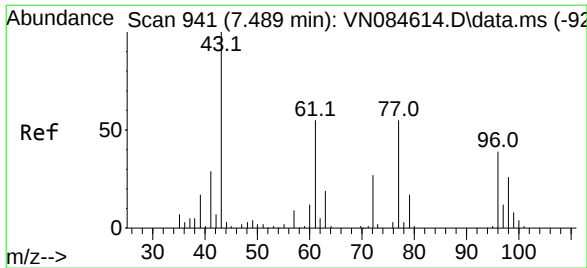


#30
 2-Butanone
 Concen: 95.076 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085022.D
 Acq: 25 Nov 2024 10:59



Tgt Ion:	43	Resp:	100133
Ion	Ratio	Lower	Upper
43	100		
57	8.1	6.2	9.4
72	26.6	21.5	32.3





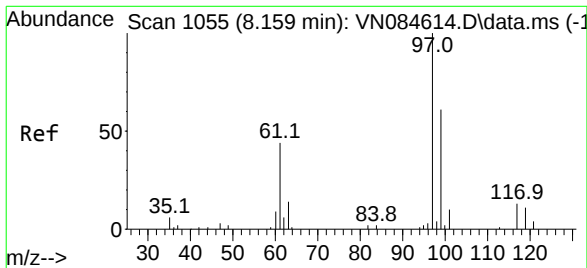
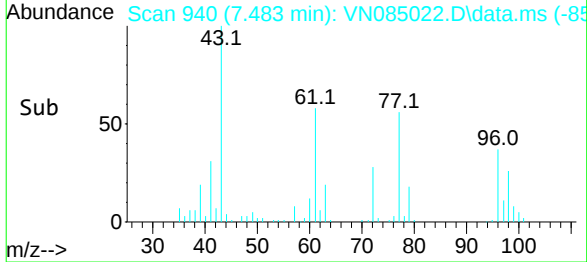
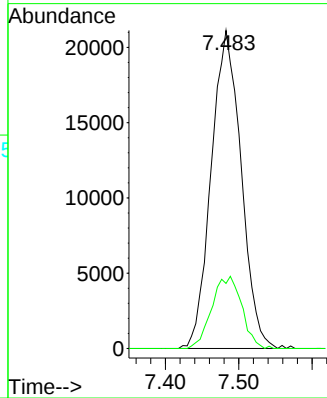
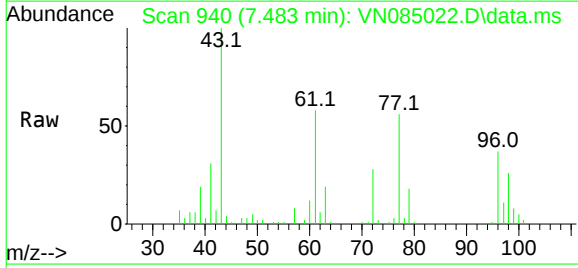
#31
2,2-Dichloropropane
Concen: 21.443 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 77 Resp: 59763
Ion Ratio Lower Upper
77 100
97 22.6 17.4 26.2

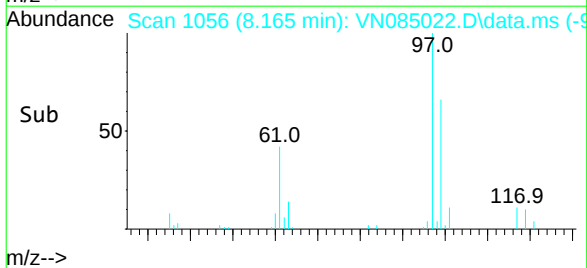
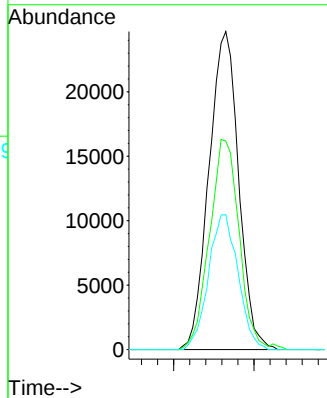
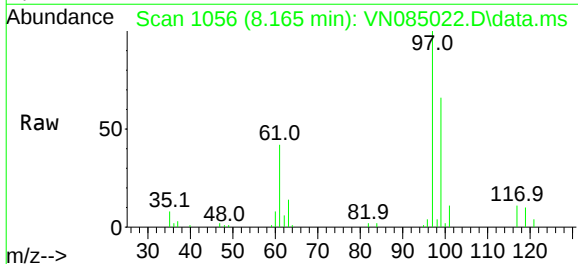
Manual Integrations
APPROVED

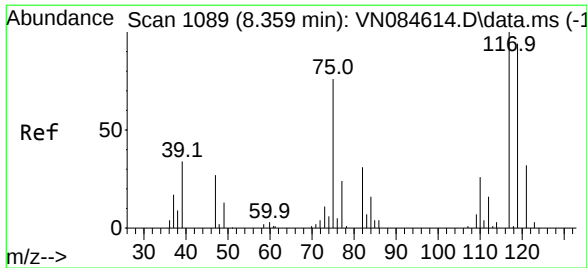
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#32
1,1,1-Trichloroethane
Concen: 20.441 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

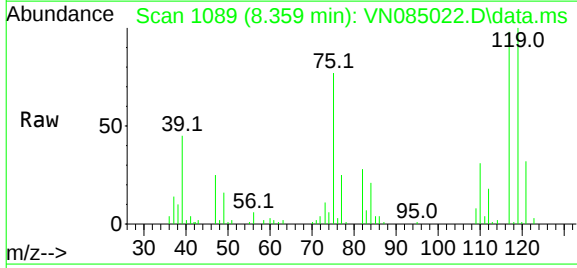
Tgt Ion: 97 Resp: 63404
Ion Ratio Lower Upper
97 100
99 65.6 51.6 77.4
61 42.3 34.2 51.4





#33
Carbon Tetrachloride
Concen: 20.751 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

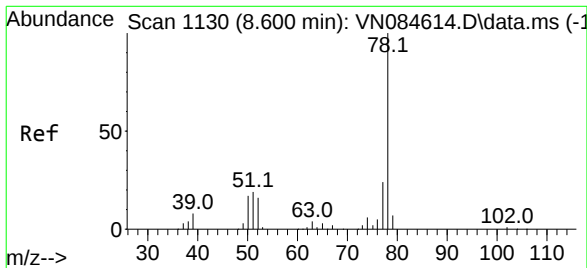
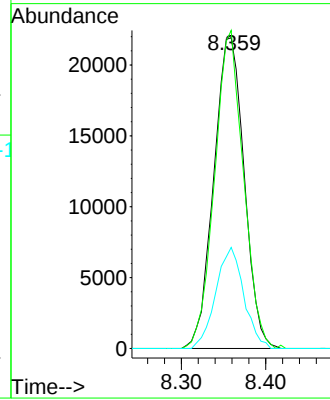
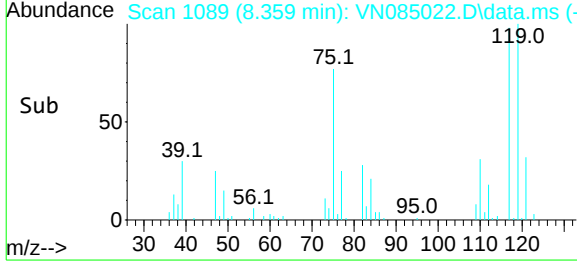
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



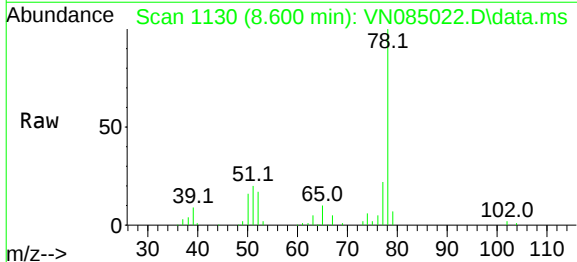
Tgt Ion:117 Resp: 54925
Ion Ratio Lower Upper
117 100
119 102.3 75.7 113.5
121 32.5 25.4 38.0

Manual Integrations
APPROVED

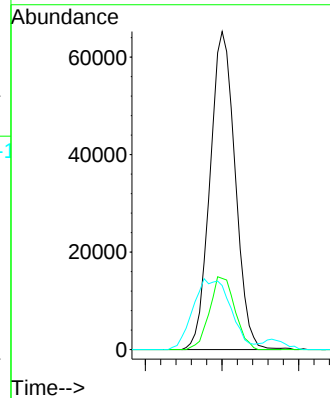
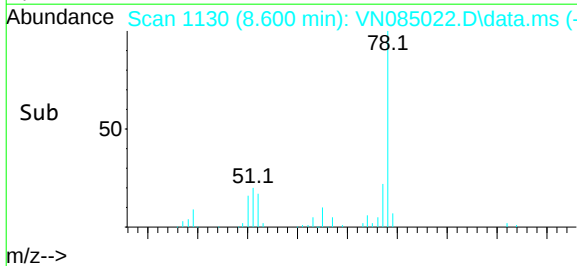
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024

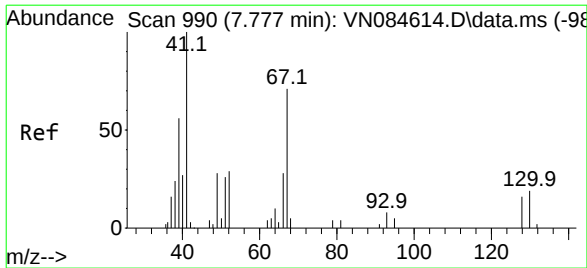


#34
Benzene
Concen: 19.687 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59



Tgt Ion: 78 Resp: 148572
Ion Ratio Lower Upper
78 100
77 22.4 19.3 28.9
51 17.6 16.1 24.1





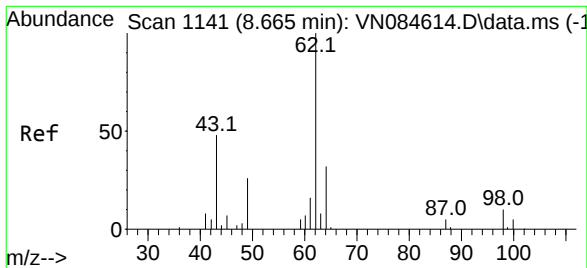
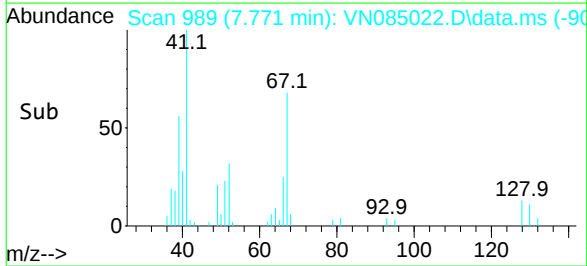
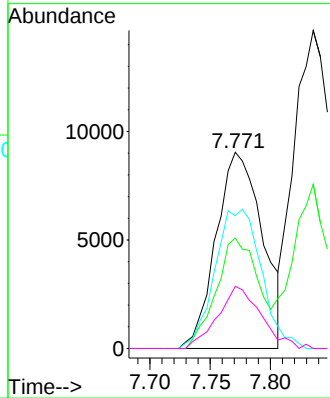
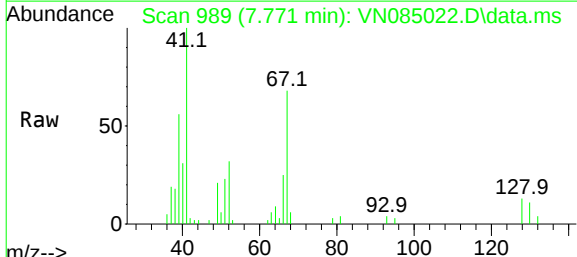
#35
Methacrylonitrile
Concen: 19.376 ug/l
RT: 7.771 min Scan# 989
Delta R.T. -0.006 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:	41	Resp:	24186
Ion	Ratio	Lower	Upper
41	100		
39	56.3	28.2	84.6
67	67.6	35.6	106.8
52	31.7	14.4	43.4

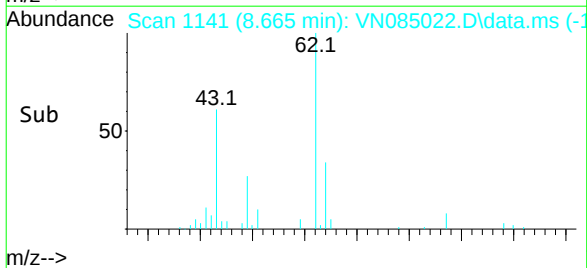
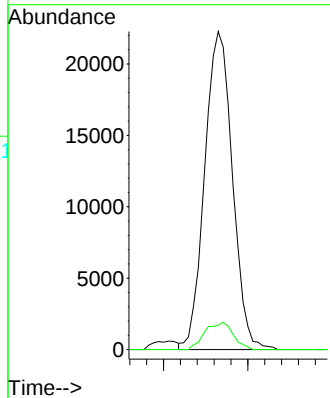
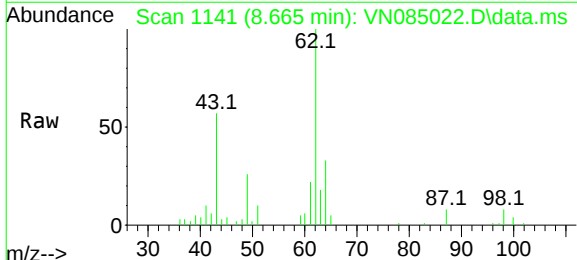
Manual Integrations
APPROVED

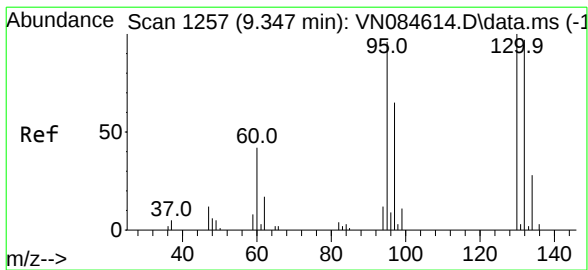
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#36
1,2-Dichloroethane
Concen: 20.307 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

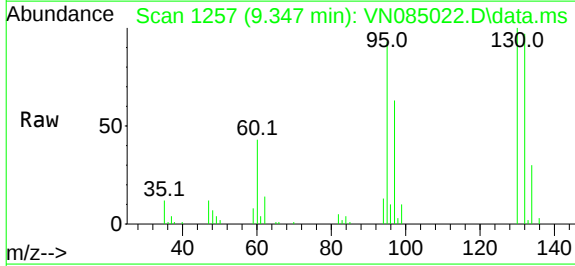
Tgt Ion:	62	Resp:	50965
Ion	Ratio	Lower	Upper
62	100		
98	5.1	7.8	11.6





#37
Trichloroethene
Concen: 19.904 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

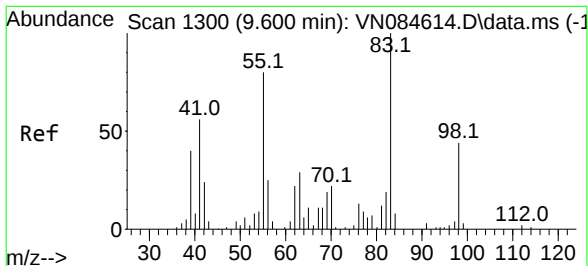
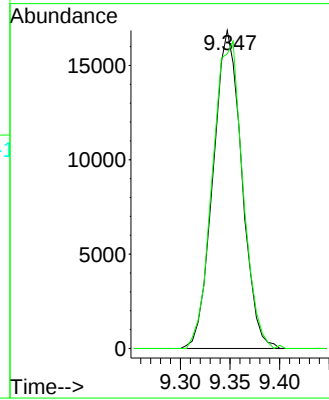
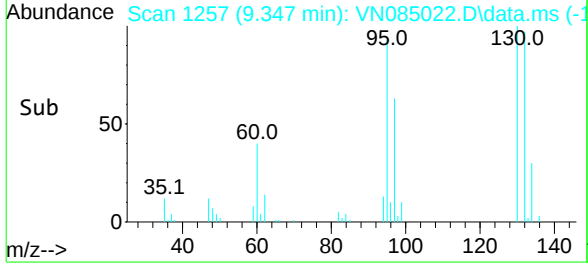
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:130 Resp: 33887
Ion Ratio Lower Upper
130 100
95 92.6 76.6 115.0

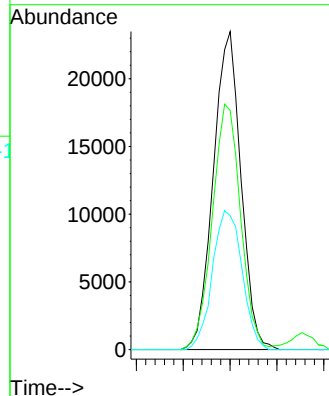
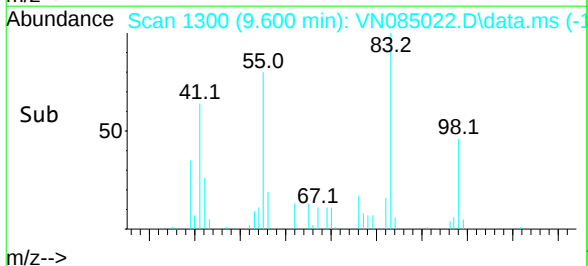
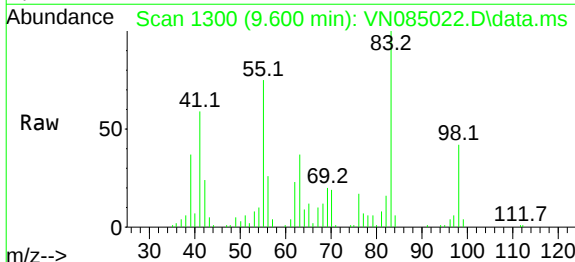
Manual Integrations
APPROVED

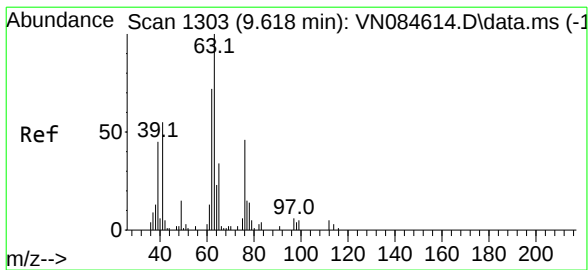
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#38
Methylcyclohexane
Concen: 19.588 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Tgt Ion: 83 Resp: 48147
Ion Ratio Lower Upper
83 100
55 78.9 39.6 118.8
98 46.8 23.2 69.5





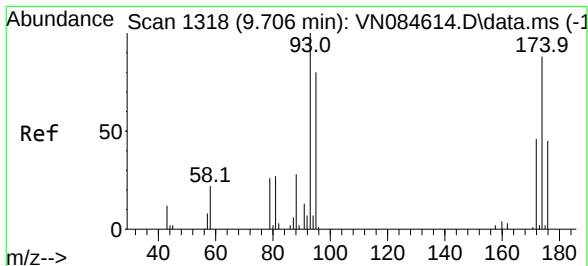
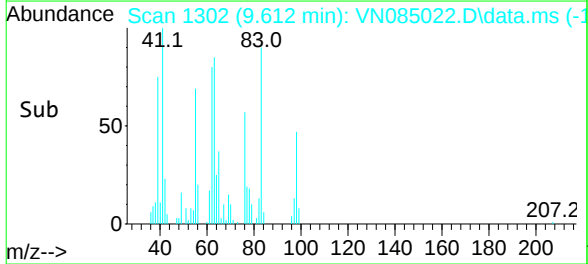
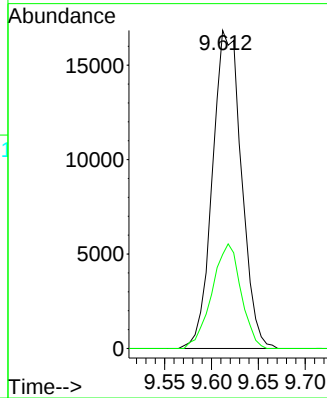
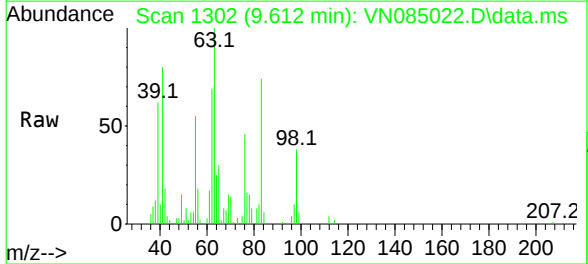
#39
1,2-Dichloropropane
Concen: 19.889 ug/l
RT: 9.612 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 36132
Ion Ratio Lower Upper
63 100
65 29.6 27.8 41.8

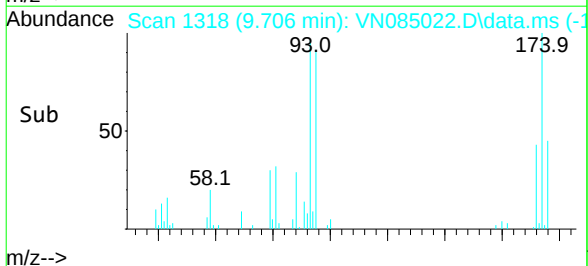
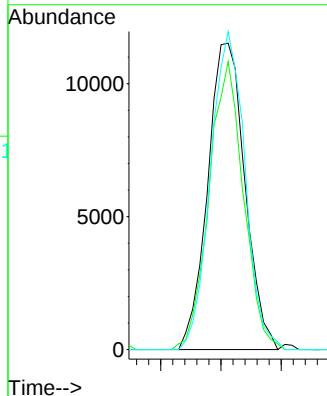
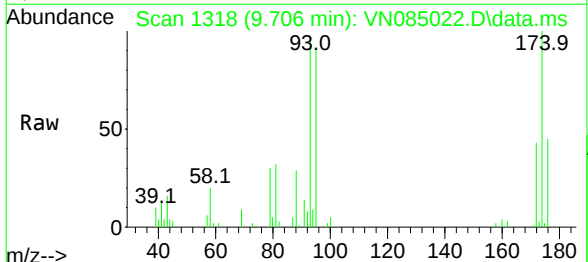
Manual Integrations
APPROVED

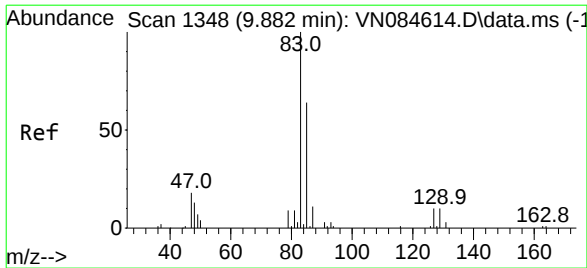
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#40
Dibromomethane
Concen: 19.451 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Tgt Ion: 93 Resp: 24720
Ion Ratio Lower Upper
93 100
95 86.7 0.0 168.4
174 96.2 0.0 183.4





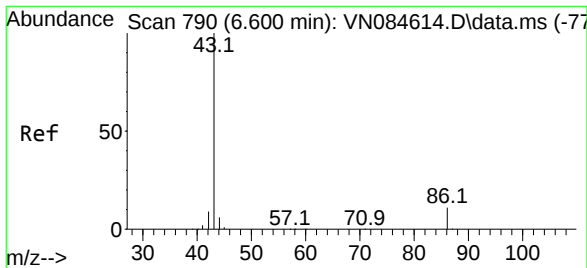
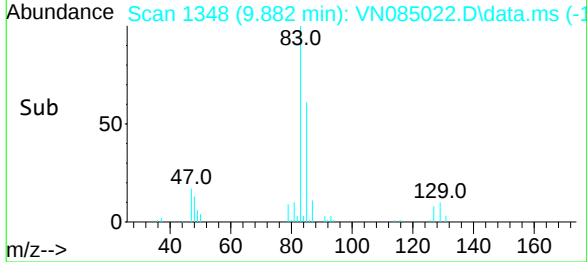
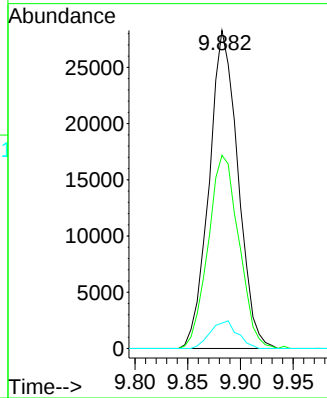
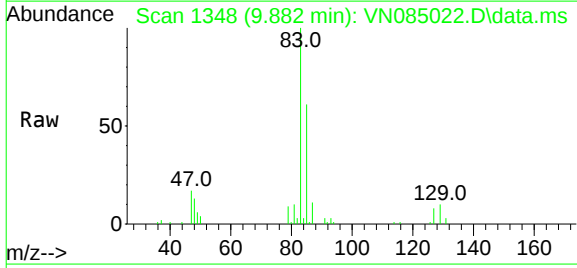
#41
Bromodichloromethane
Concen: 19.794 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 53929
Ion Ratio Lower Upper
83 100
85 60.7 51.0 76.6
127 8.0 7.8 11.6

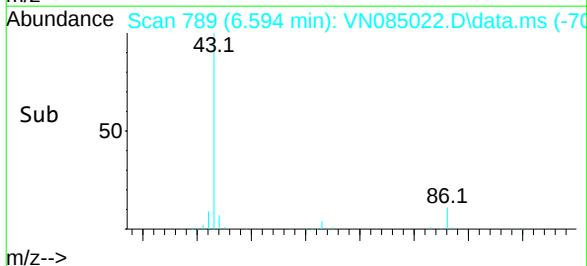
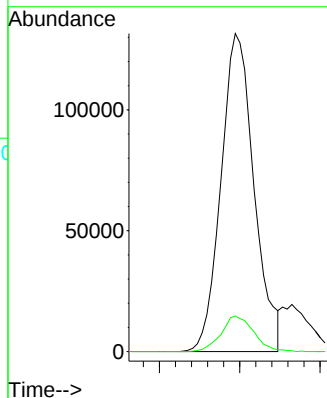
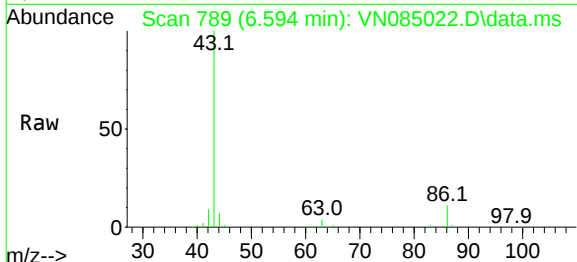
Manual Integrations
APPROVED

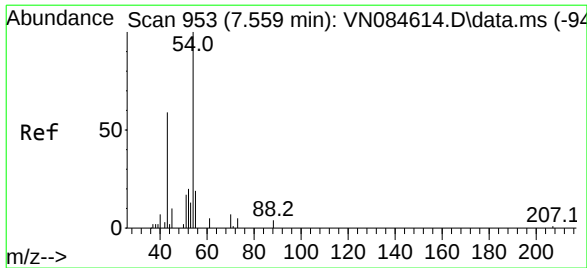
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#42
Vinyl Acetate
Concen: 95.607 ug/l
RT: 6.594 min Scan# 789
Delta R.T. -0.006 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Tgt Ion: 43 Resp: 376377
Ion Ratio Lower Upper
43 100
86 11.0 8.6 13.0





#43

Ethyl Acetate

Concen: 18.668 ug/l

RT: 7.553 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN085022.D

Acq: 25 Nov 2024 10:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 41312

Ion Ratio Lower Upper

43 100

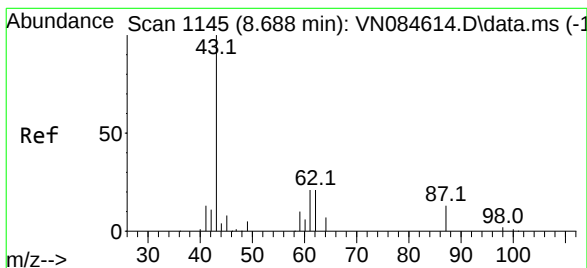
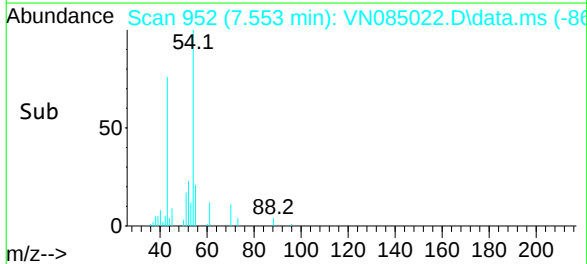
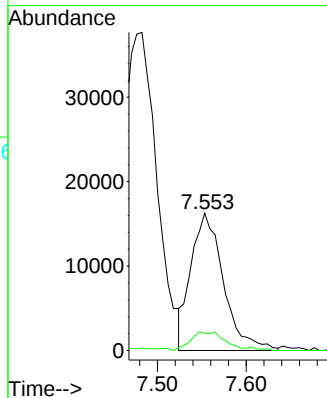
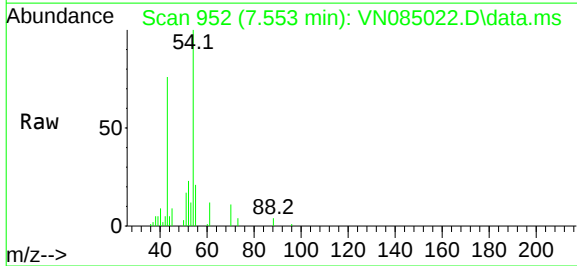
45 8.4 11.0 16.4#

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/26/2024



#44

Isopropyl Acetate

Concen: 15.935 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VN085022.D

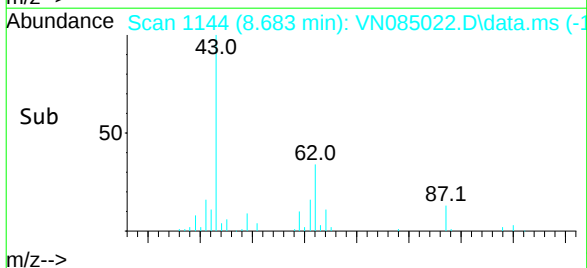
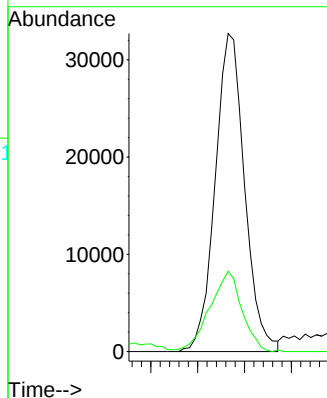
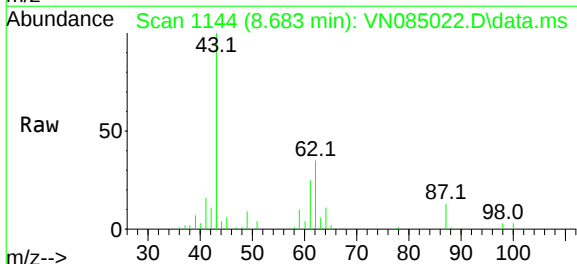
Acq: 25 Nov 2024 10:59

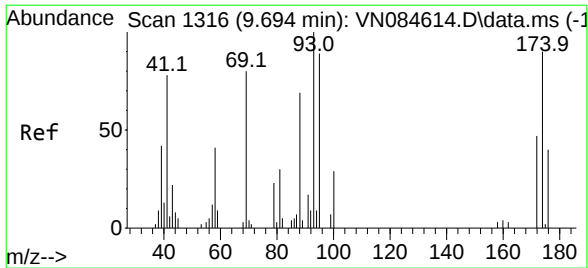
Tgt Ion: 43 Resp: 71406

Ion Ratio Lower Upper

43 100

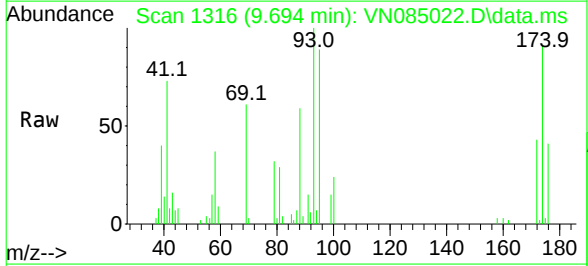
61 27.6 19.8 29.8





#45
 1,4-Dioxane
 Concen: 386.000 ug/l
 RT: 9.694 min Scan# 1316
 Delta R.T. -0.000 min
 Lab File: VN085022.D
 Acq: 25 Nov 2024 10:59

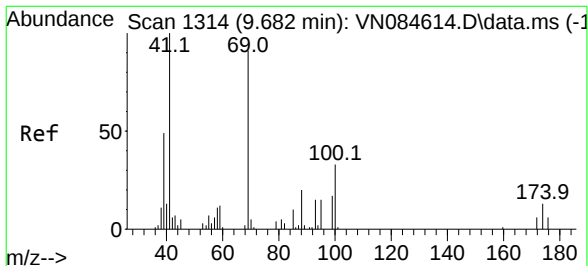
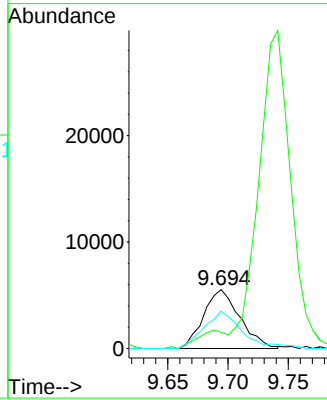
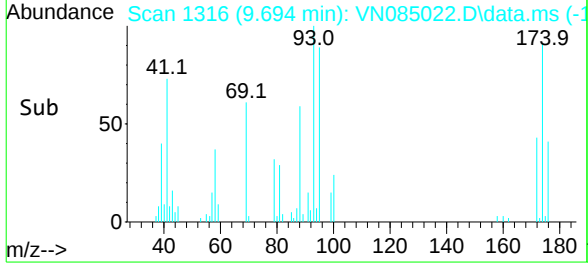
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC020



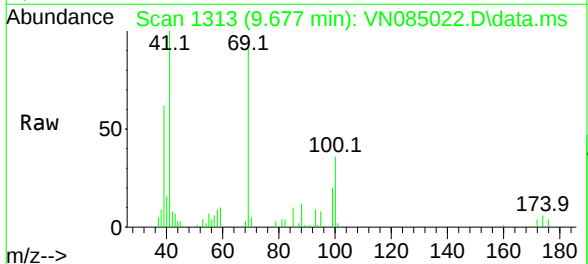
Tgt Ion: 88 Resp: 11548
 Ion Ratio Lower Upper
 88 100
 43 25.2 20.8 31.2
 58 62.7 53.4 80.2

Manual Integrations
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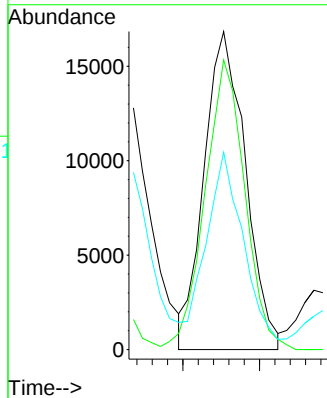
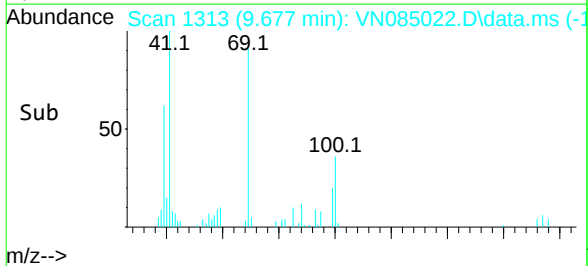
Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/26/2024

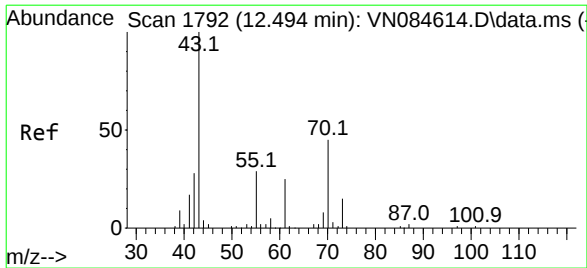


#46
 Methyl methacrylate
 Concen: 17.523 ug/l
 RT: 9.677 min Scan# 1313
 Delta R.T. -0.006 min
 Lab File: VN085022.D
 Acq: 25 Nov 2024 10:59



Tgt Ion: 41 Resp: 31556
 Ion Ratio Lower Upper
 41 100
 69 92.5 43.4 130.2
 39 61.9 24.7 74.1





#47

n-amy1 Acetate

Concen: 16.976 ug/l

RT: 12.494 min Scan# 17

Delta R.T. -0.000 min

Lab File: VN085022.D

Acq: 25 Nov 2024 10:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 56815

Ion Ratio Lower Upper

43 100

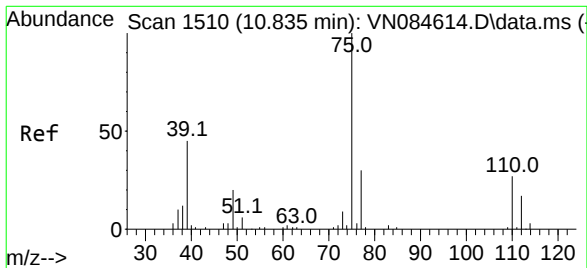
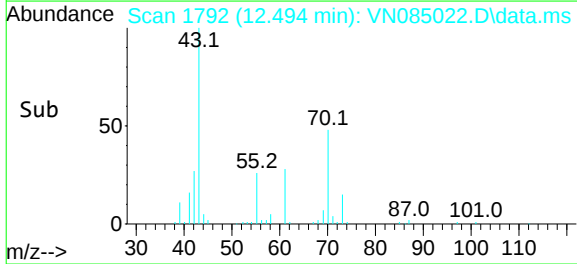
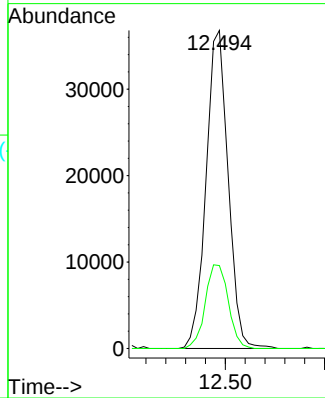
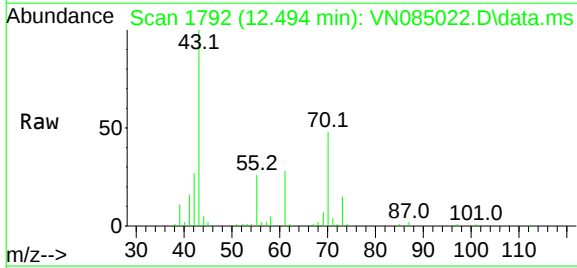
55 27.4 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/26/2024



#48

t-1,3-Dichloropropene

Concen: 18.739 ug/l

RT: 10.829 min Scan# 1509

Delta R.T. -0.006 min

Lab File: VN085022.D

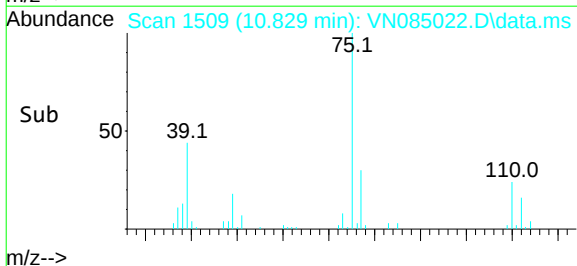
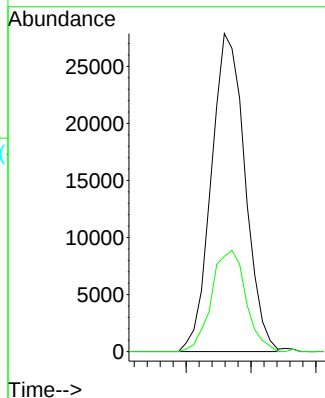
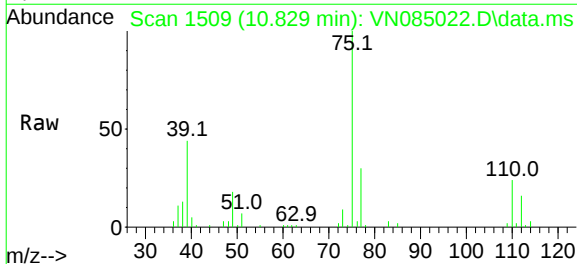
Acq: 25 Nov 2024 10:59

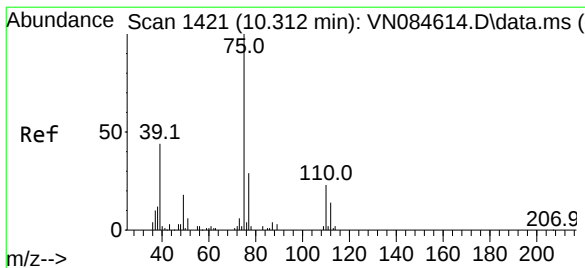
Tgt Ion: 75 Resp: 50413

Ion Ratio Lower Upper

75 100

77 29.9 24.4 36.6





#49

cis-1,3-Dichloropropene

Concen: 19.667 ug/l

RT: 10.312 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN085022.D

Acq: 25 Nov 2024 10:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

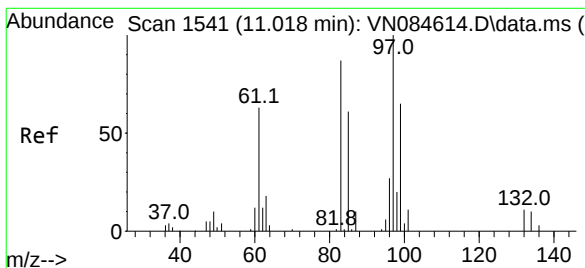
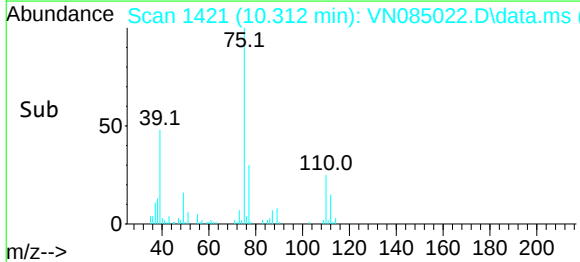
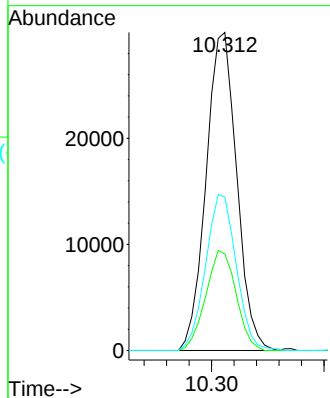
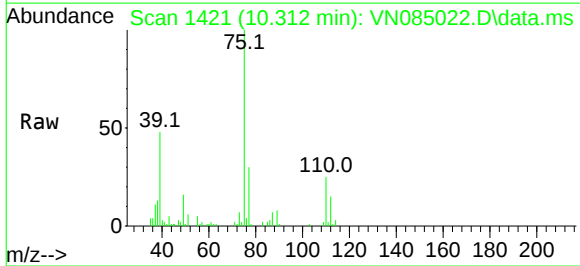
Tgt Ion: 75	Resp: 56704
Ion Ratio	Lower Upper
75 100	
77 30.3	23.4 35.2
39 48.3	35.4 53.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/26/2024



#50

1,1,2-Trichloroethane

Concen: 20.079 ug/l

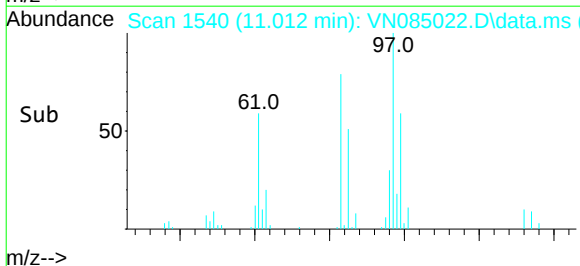
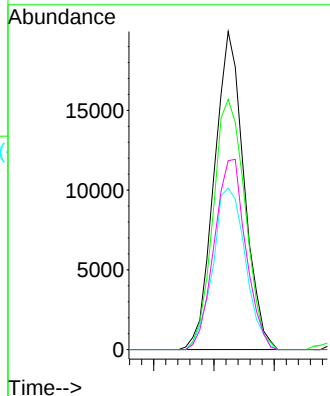
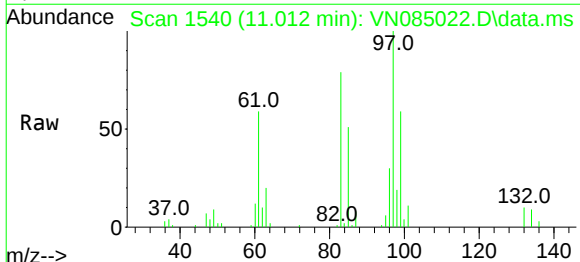
RT: 11.012 min Scan# 1540

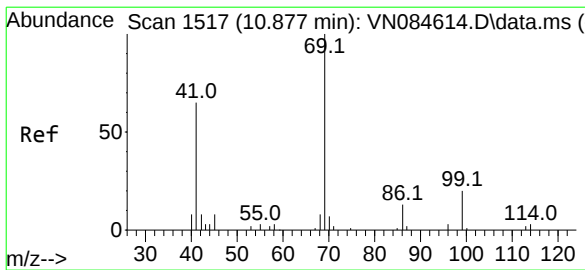
Delta R.T. -0.006 min

Lab File: VN085022.D

Acq: 25 Nov 2024 10:59

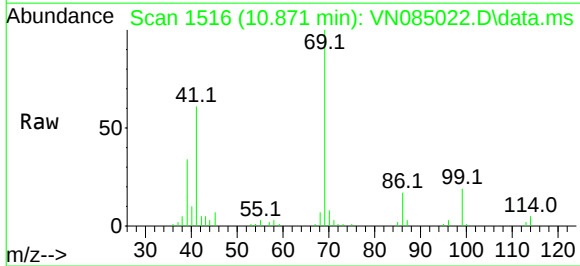
Tgt Ion: 97	Resp: 34229
Ion Ratio	Lower Upper
97 100	
83 78.7	69.8 104.8
85 50.8	48.6 73.0
99 59.4	52.9 79.3





#51
Ethyl methacrylate
Concen: 18.209 ug/l
RT: 10.871 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

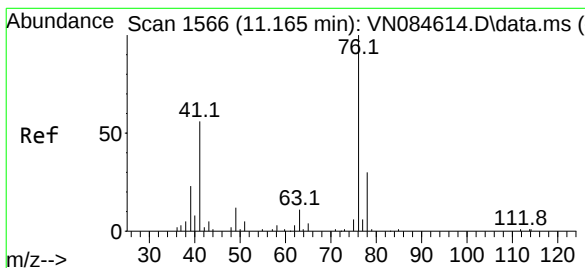
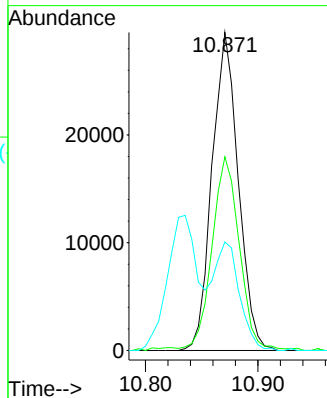
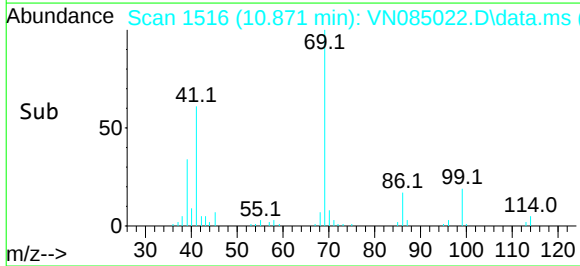
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 69 Resp: 47848
Ion Ratio Lower Upper
69 100
41 60.2 32.8 98.3
39 34.1 15.4 46.1

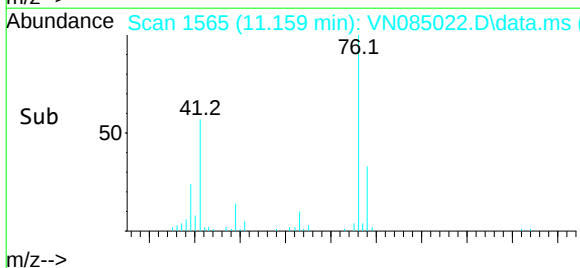
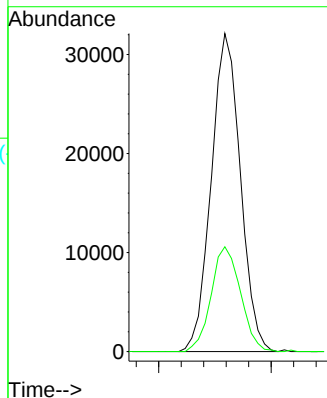
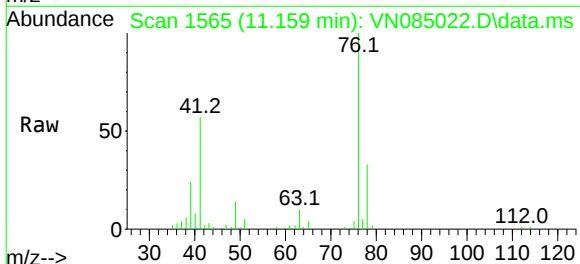
Manual Integrations
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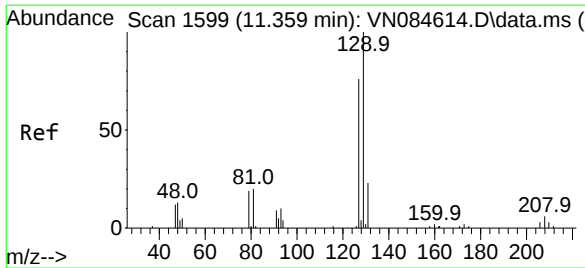
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#52
1,3-Dichloropropane
Concen: 19.520 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Tgt Ion: 76 Resp: 57760
Ion Ratio Lower Upper
76 100
78 33.2 0.0 64.0





#53

Dibromochloromethane

Concen: 19.882 ug/l

RT: 11.353 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VN085022.D

Acq: 25 Nov 2024 10:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:129 Resp: 39663

Ion Ratio Lower Upper

129 100

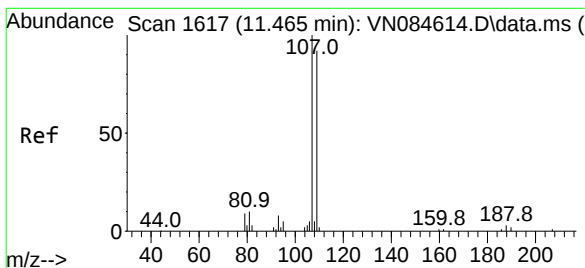
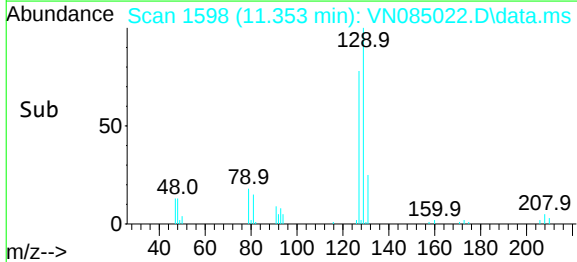
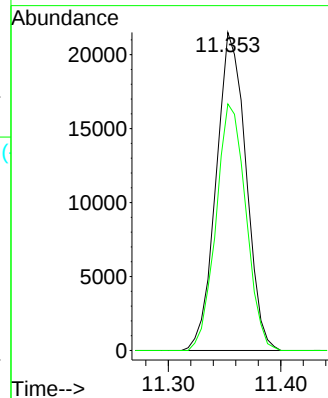
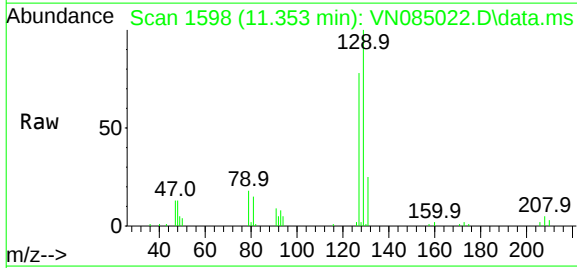
127 77.5 39.6 119.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/26/2024



#54

1,2-Dibromoethane

Concen: 19.727 ug/l

RT: 11.465 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VN085022.D

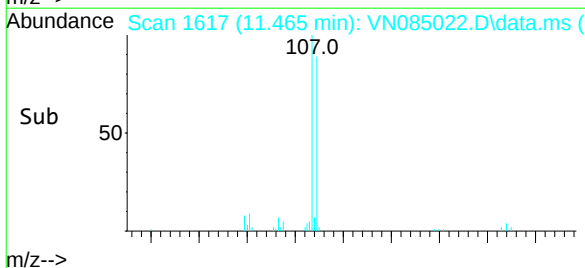
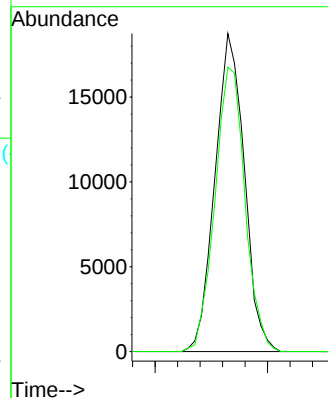
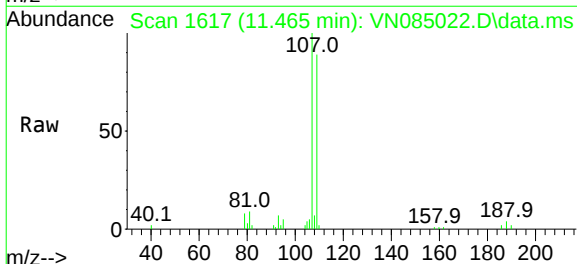
Acq: 25 Nov 2024 10:59

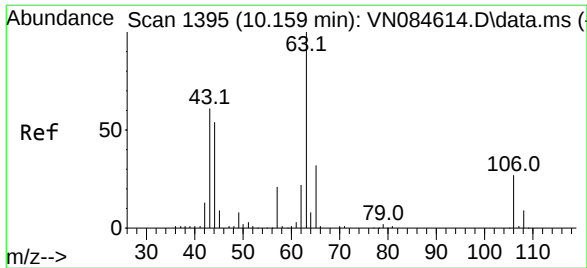
Tgt Ion:107 Resp: 34013

Ion Ratio Lower Upper

107 100

109 91.5 73.4 110.0





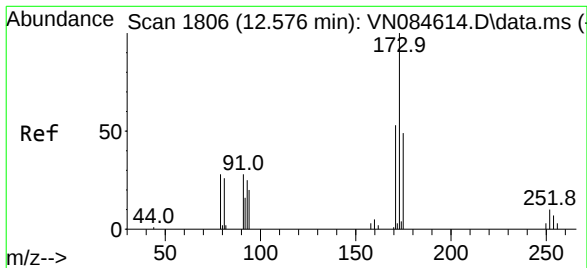
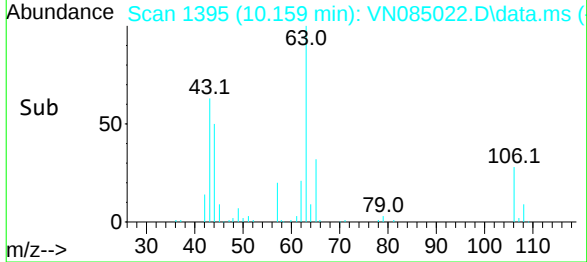
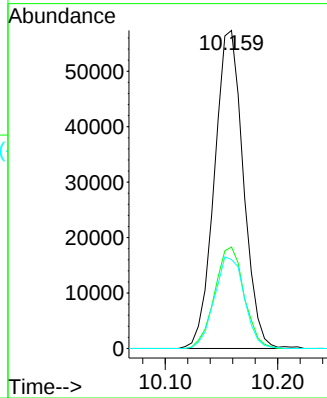
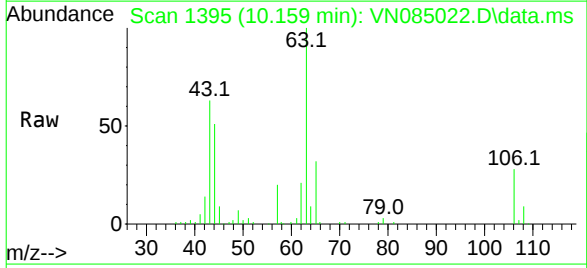
#55
2-Chloroethyl vinyl ether
Concen: 79.467 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 102375
Ion Ratio Lower Upper
63 100
65 32.4 25.5 38.3
106 29.8 22.3 33.5

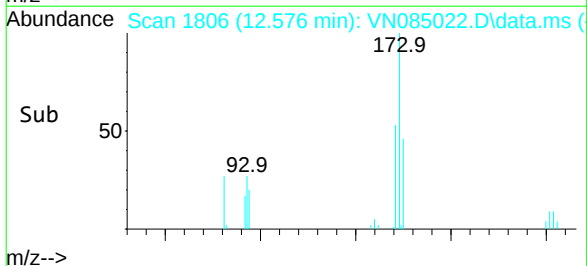
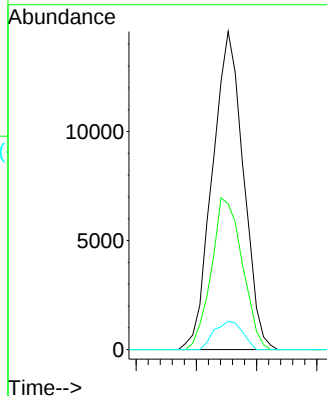
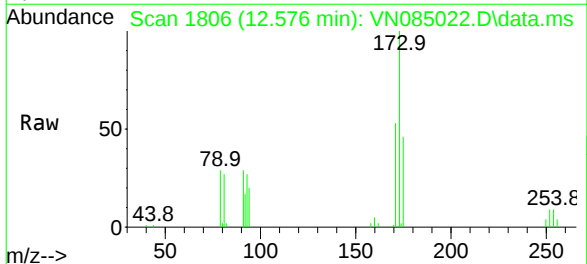
Manual Integrations
APPROVED

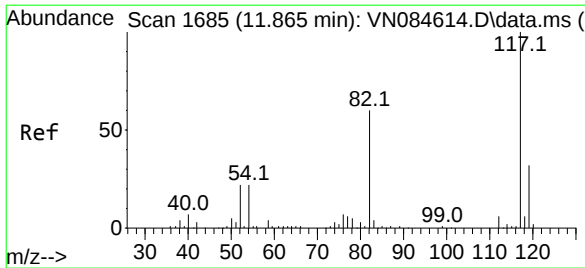
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#56
Bromoform
Concen: 19.518 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Tgt Ion:173 Resp: 26099
Ion Ratio Lower Upper
173 100
175 47.5 39.4 59.2
254 8.1 6.4 9.6





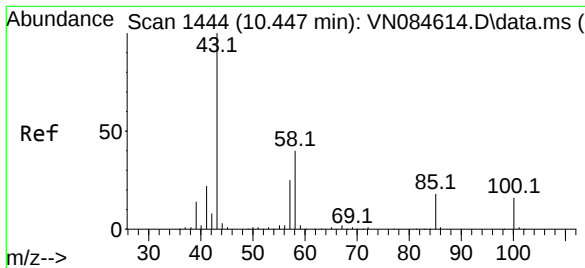
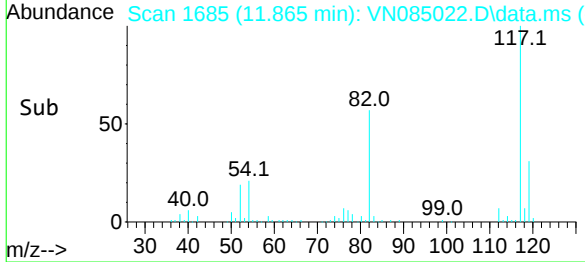
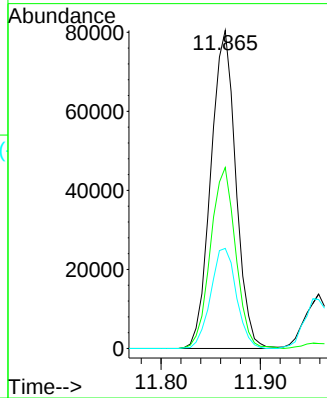
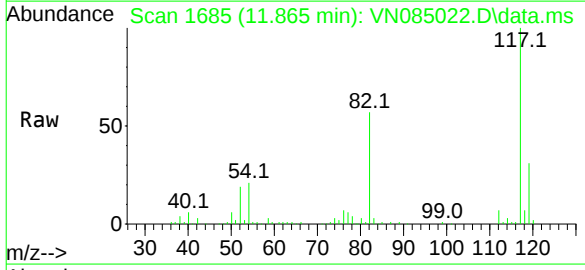
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 117 Resp: 140696
Ion Ratio Lower Upper
117 100
82 57.3 45.5 68.3
119 32.4 25.3 37.9

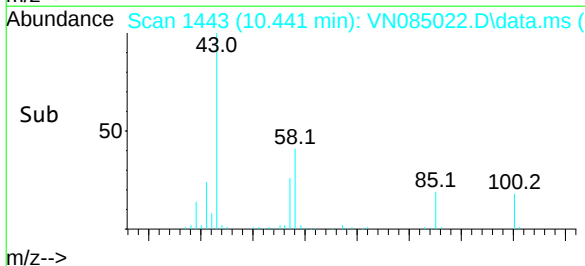
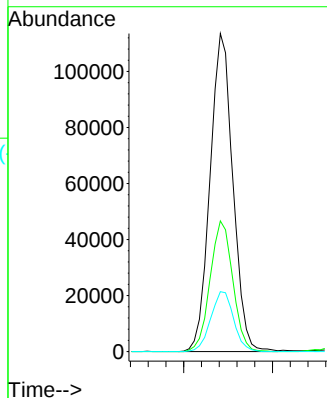
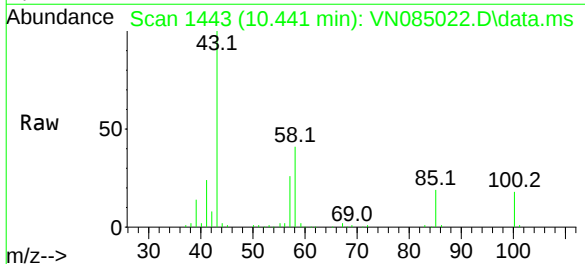
Manual Integrations
APPROVED

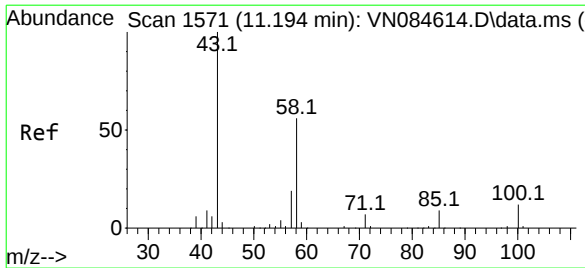
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#58
4-Methyl-2-Pentanone
Concen: 91.348 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Tgt Ion: 43 Resp: 202751
Ion Ratio Lower Upper
43 100
58 40.8 31.2 46.8
85 18.9 14.9 22.3





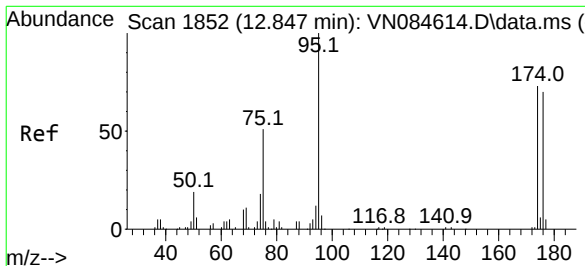
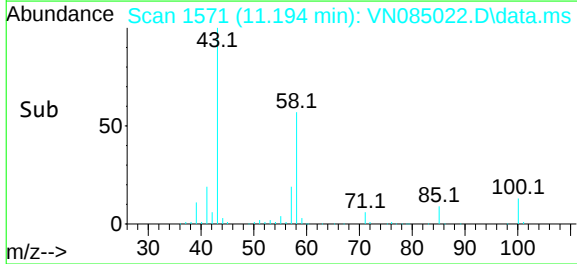
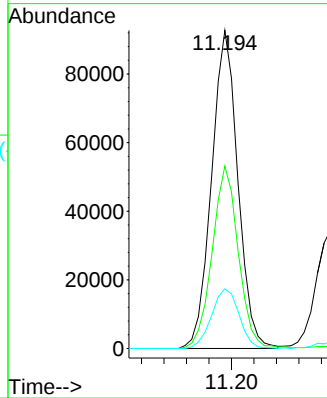
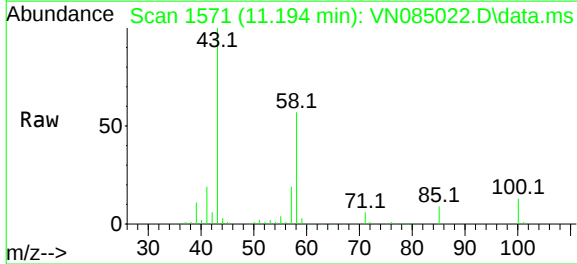
#59
2-Hexanone
Concen: 92.511 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 150357
Ion Ratio Lower Upper
43 100
58 57.0 43.8 65.6
57 19.7 15.0 22.6

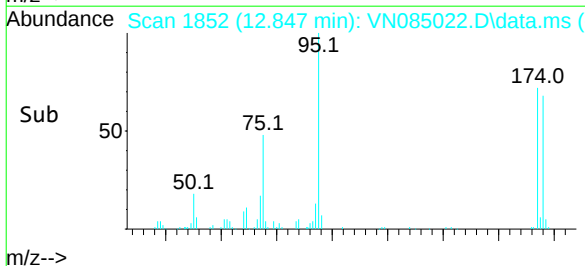
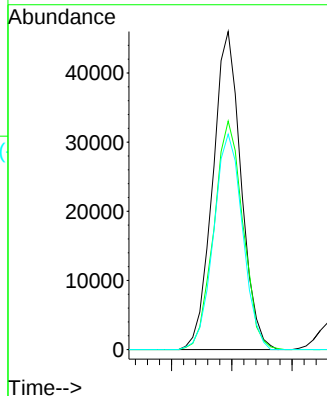
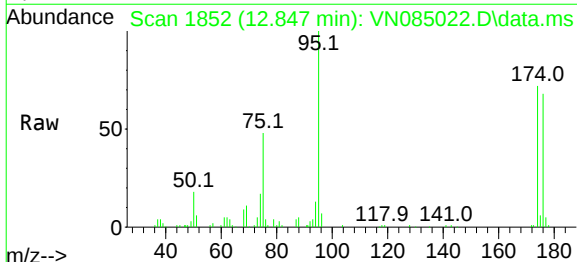
Manual Integrations
APPROVED

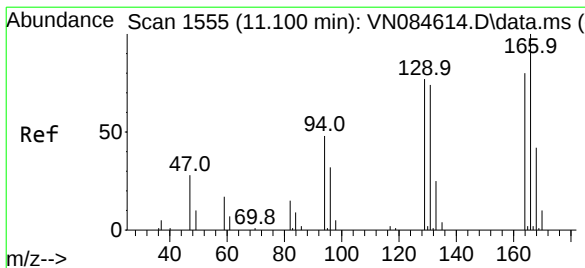
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#60
4-Bromofluorobenzene
Concen: 31.002 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

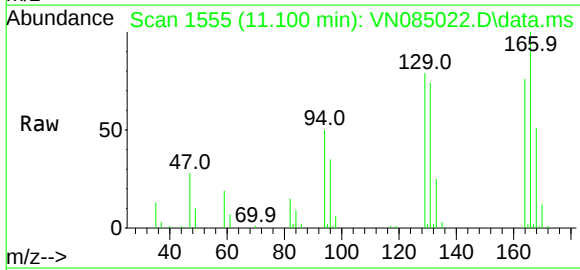
Tgt Ion: 95 Resp: 75100
Ion Ratio Lower Upper
95 100
174 73.8 59.6 89.4
176 69.3 58.6 88.0





#61
Tetrachloroethene
Concen: 20.136 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

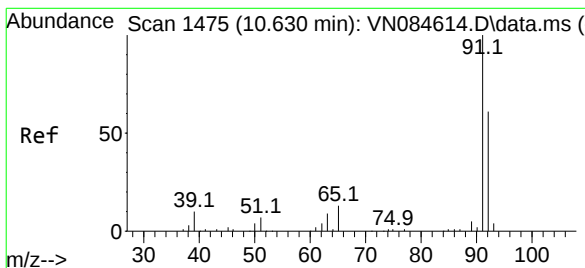
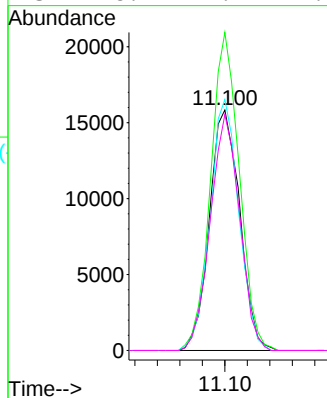
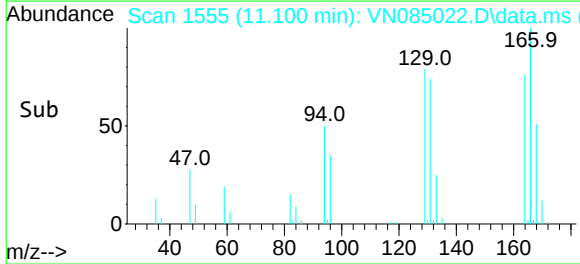
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



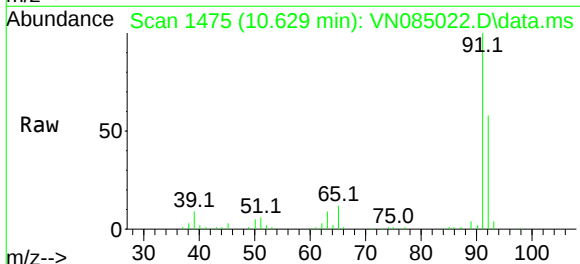
Tgt Ion: 164 Resp: 29649
Ion Ratio Lower Upper
164 100
166 132.2 100.5 150.7
129 104.3 77.7 116.5
131 98.1 74.7 112.1

Manual Integrations
APPROVED

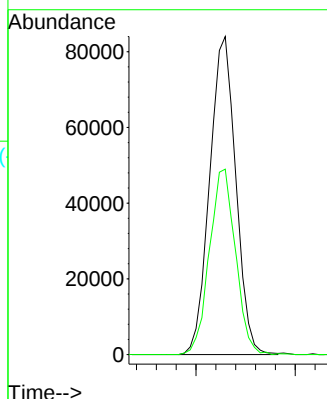
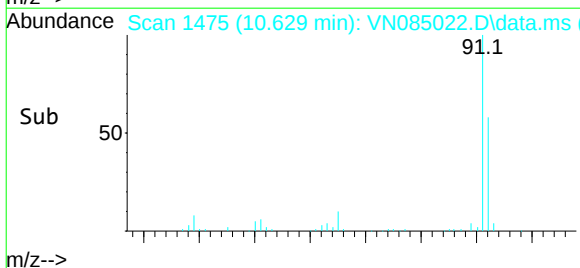
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024

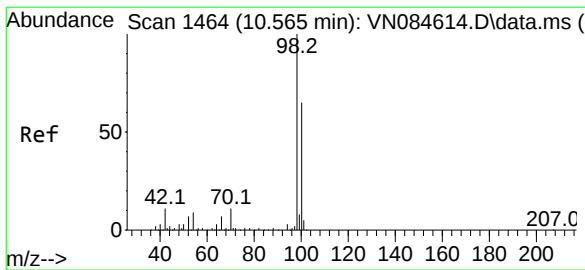


#62
Toluene
Concen: 19.201 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59



Tgt Ion: 91 Resp: 153861
Ion Ratio Lower Upper
91 100
92 58.1 47.5 71.3





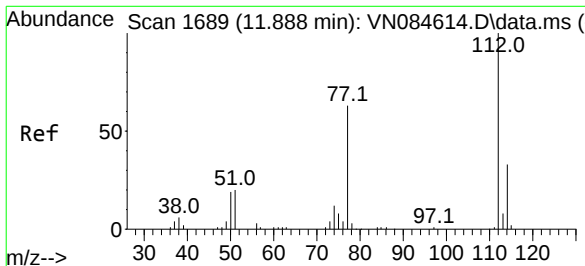
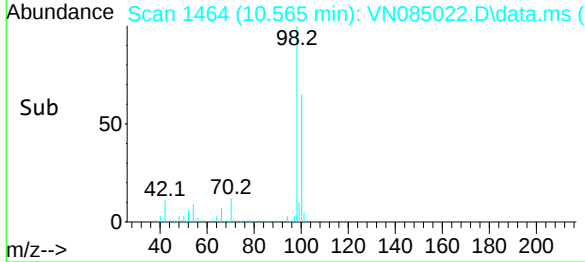
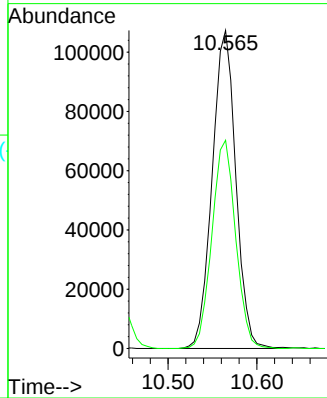
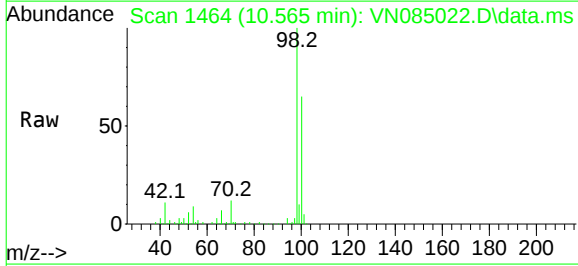
#63
Toluene-d8
Concen: 29.773 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 98 Resp: 198298
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.2

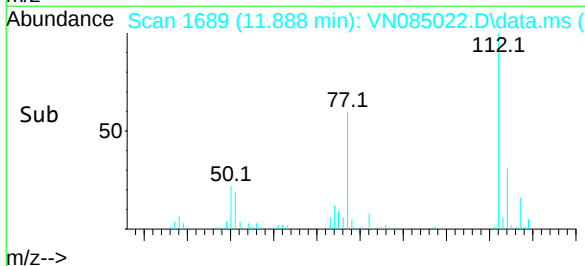
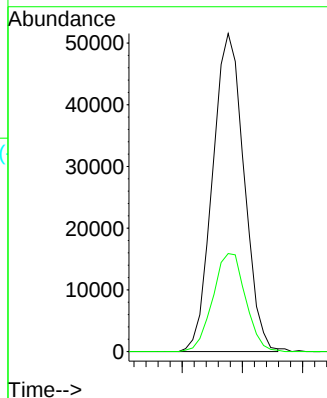
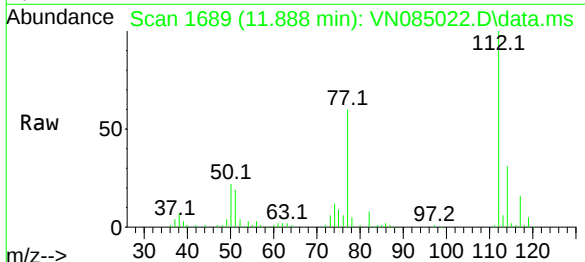
Manual Integrations
APPROVED

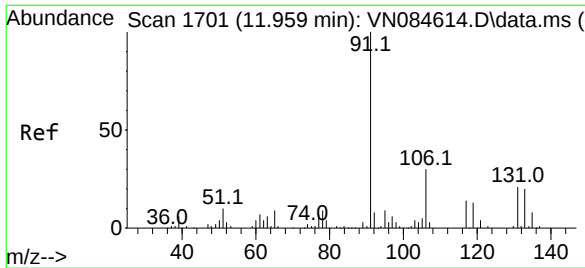
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#64
Chlorobenzene
Concen: 19.325 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

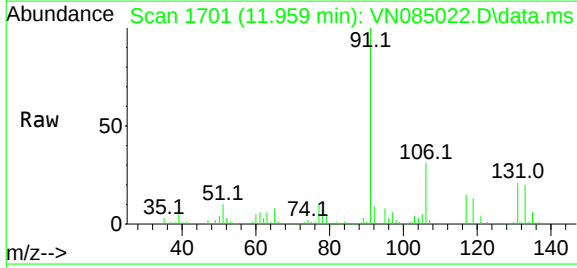
Tgt Ion:112 Resp: 93484
Ion Ratio Lower Upper
112 100
114 30.8 26.2 39.4





#65
1,1,1,2-Tetrachloroethane
Concen: 20.231 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

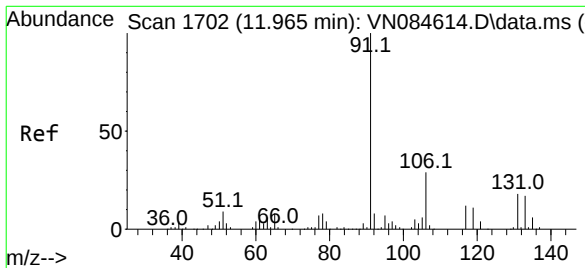
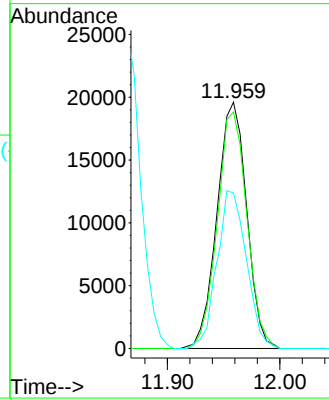
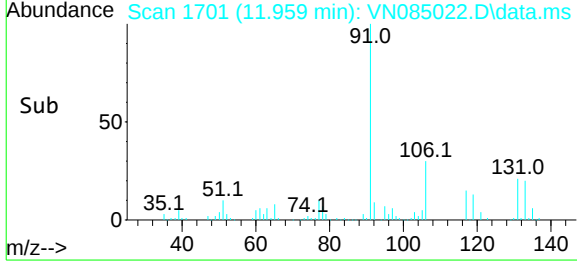
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



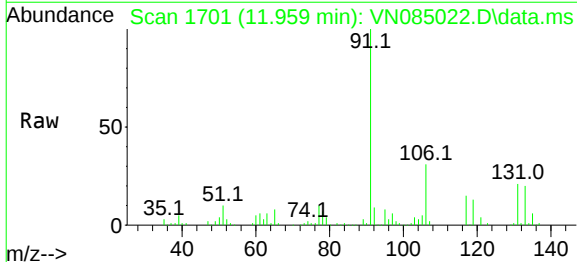
Tgt Ion: 131 Resp: 35968
Ion Ratio Lower Upper
131 100
133 95.7 0.0 189.2
119 63.6 0.0 129.4

Manual Integrations
APPROVED

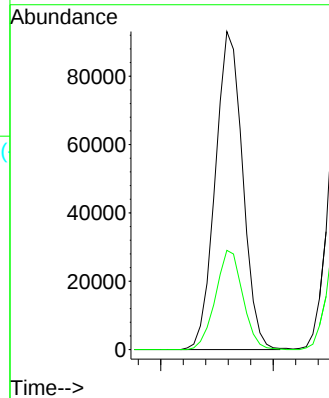
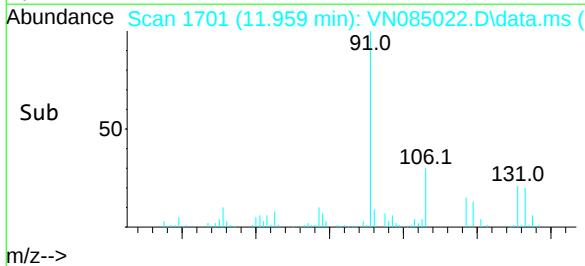
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024

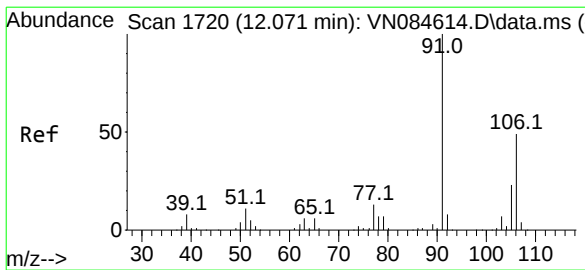


#66
Ethyl Benzene
Concen: 18.700 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59



Tgt Ion: 91 Resp: 157475
Ion Ratio Lower Upper
91 100
106 31.2 22.9 34.3





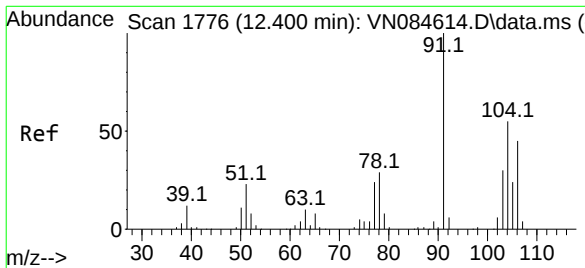
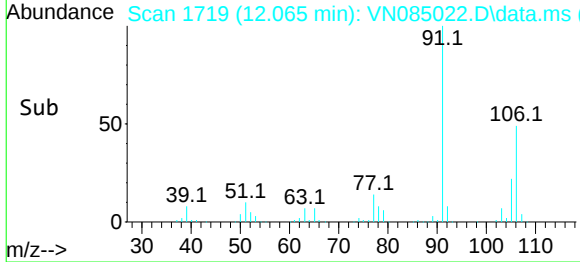
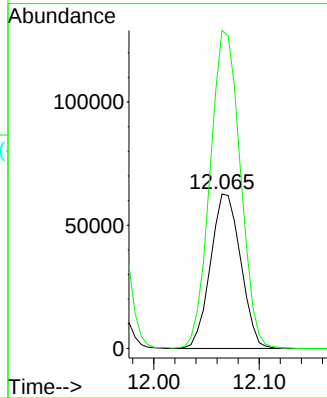
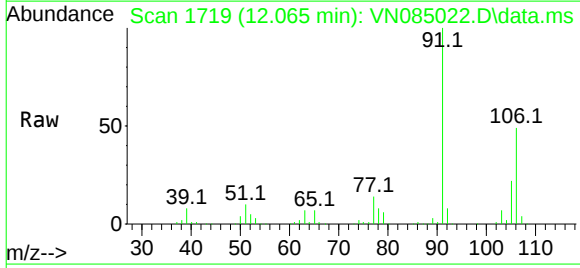
#67
m/p-Xylenes
Concen: 38.640 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 124579
Ion Ratio Lower Upper
106 100
91 206.5 168.1 252.1

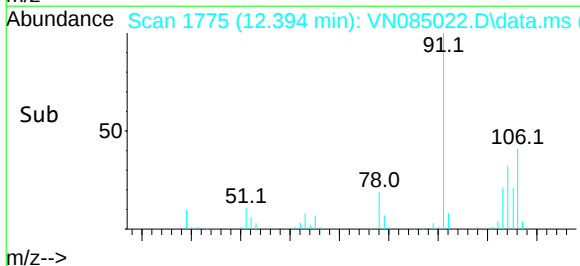
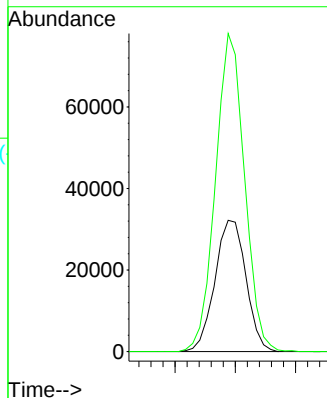
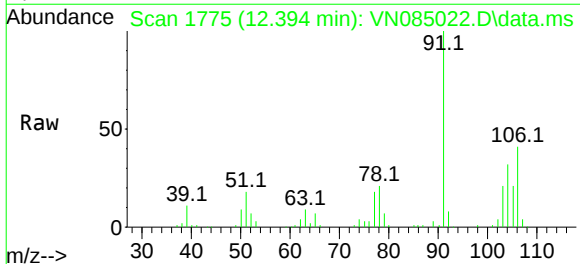
Manual Integrations
APPROVED

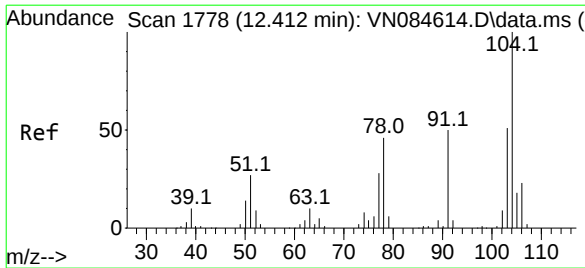
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#68
o-Xylene
Concen: 18.569 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Tgt Ion:106 Resp: 57751
Ion Ratio Lower Upper
106 100
91 226.1 107.7 322.9





#69

Styrene

Concen: 18.805 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN085022.D

Acq: 25 Nov 2024 10:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

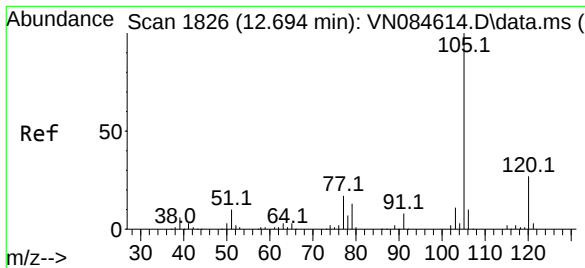
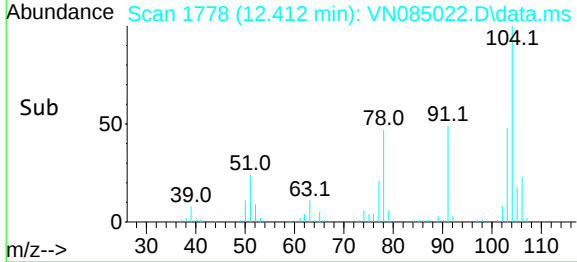
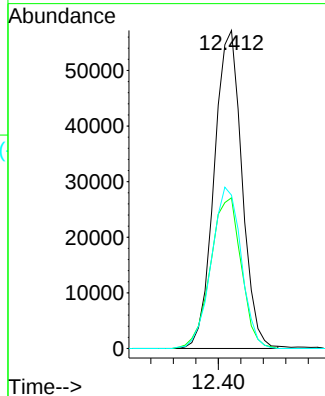
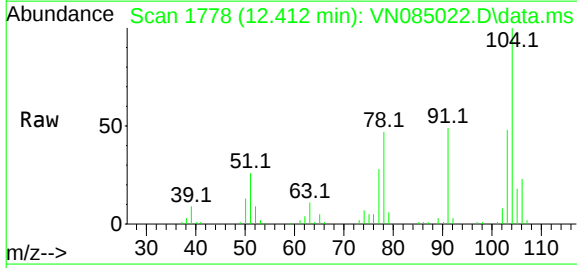
Tgt Ion:	104	Resp:	98061
Ion Ratio	Lower	Upper	
104	100		
78	52.5	41.5	62.3
103	54.6	44.6	67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/26/2024



#70

Isopropylbenzene

Concen: 19.240 ug/l

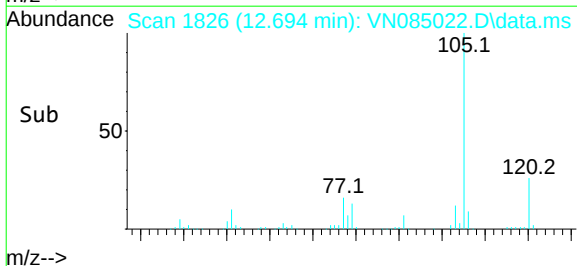
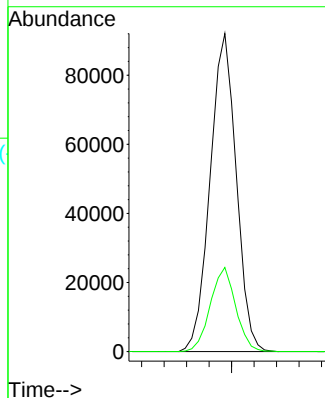
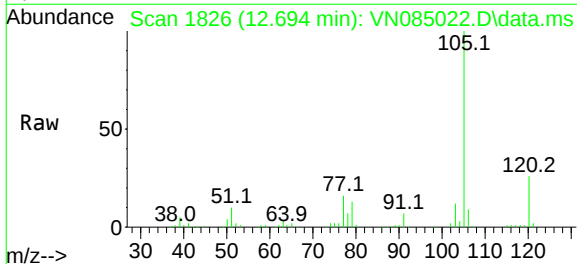
RT: 12.694 min Scan# 1826

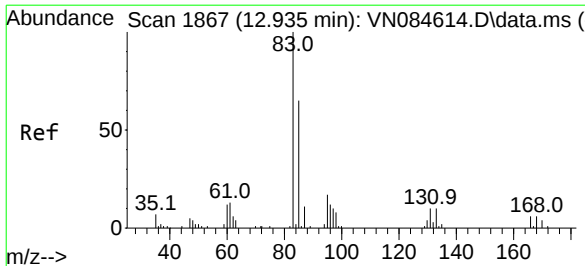
Delta R.T. -0.000 min

Lab File: VN085022.D

Acq: 25 Nov 2024 10:59

Tgt Ion:	105	Resp:	148650
Ion Ratio	Lower	Upper	
105	100		
120	25.7	18.7	34.7





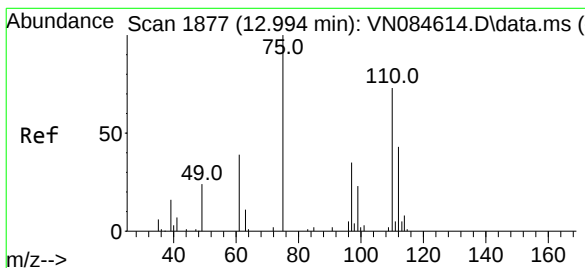
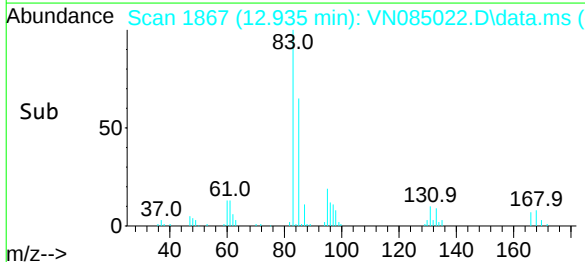
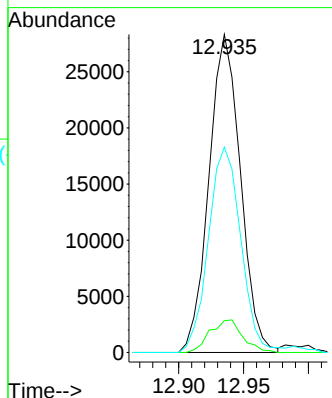
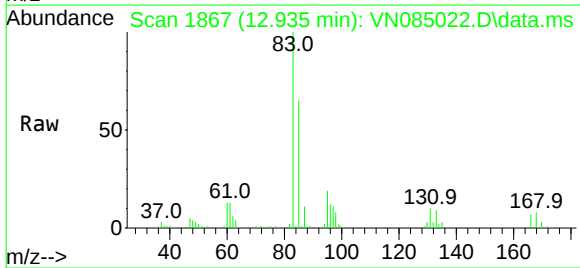
#71
1,1,2,2-Tetrachloroethane
Concen: 19.124 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion	83	Resp	47896
Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.1	15.3
85	66.4	33.3	99.9

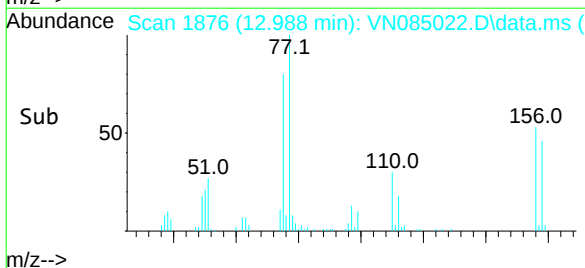
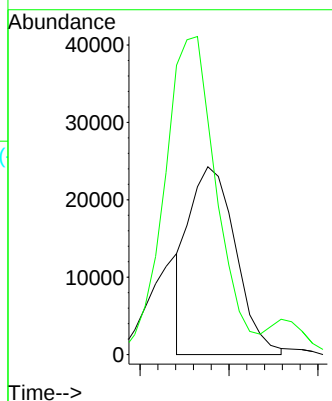
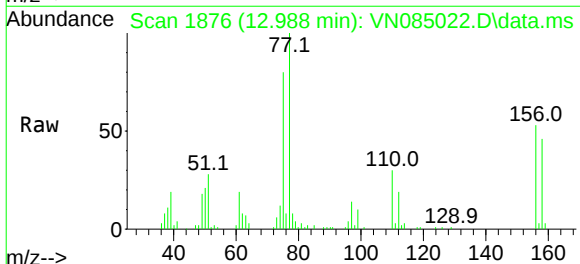
Manual Integrations
APPROVED

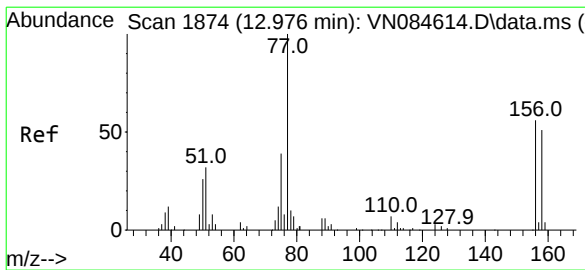
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#72
1,2,3-Trichloropropane
Concen: 20.702 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Tgt Ion	75	Resp	44267
Ion	Ratio	Lower	Upper
75	100		
77	189.3	0.0	358.4





#73

Bromobenzene

Concen: 19.816 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN085022.D

Acq: 25 Nov 2024 10:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

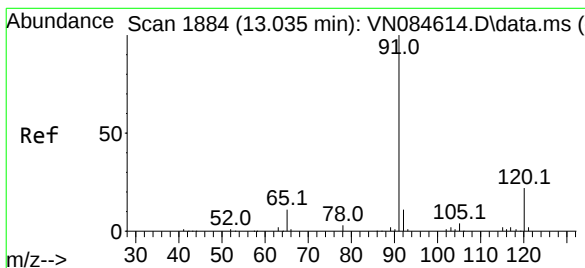
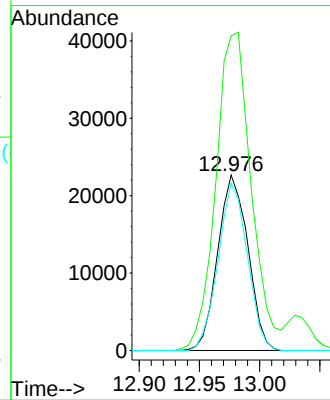
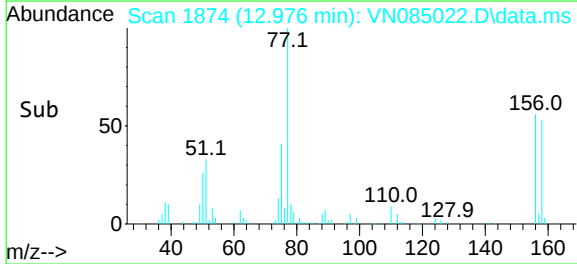
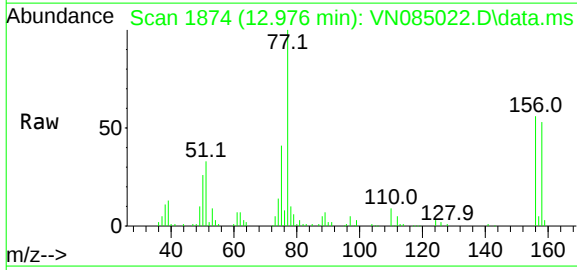
Tgt	Ion:156	Resp:	39487
Ion	Ratio	Lower	Upper
156	100		
77	212.2	0.0	427.6
158	93.0	0.0	191.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/26/2024



#74

n-propylbenzene

Concen: 19.317 ug/l

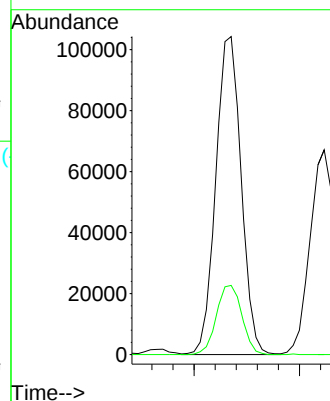
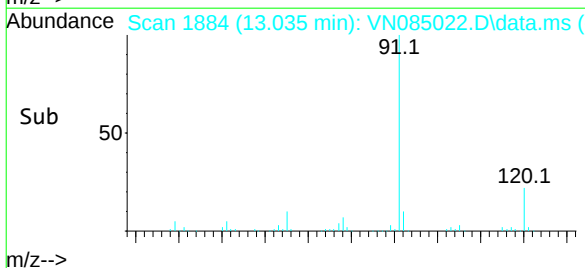
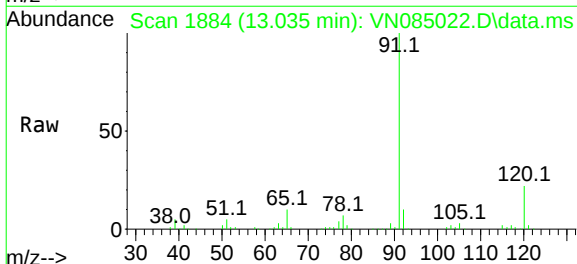
RT: 13.035 min Scan# 1884

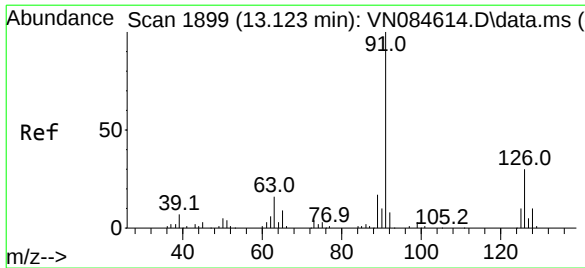
Delta R.T. -0.000 min

Lab File: VN085022.D

Acq: 25 Nov 2024 10:59

Tgt	Ion: 91	Resp:	174516
Ion	Ratio	Lower	Upper
91	100		
120	21.8	0.0	44.0





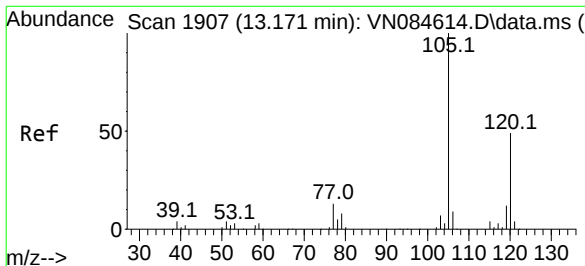
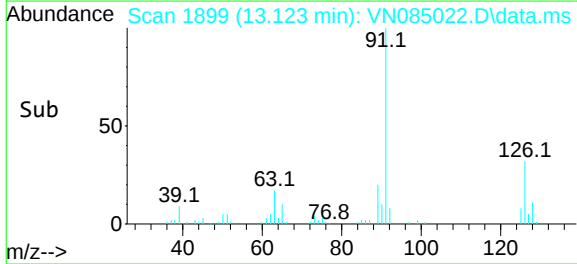
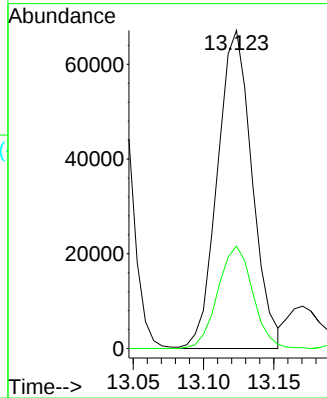
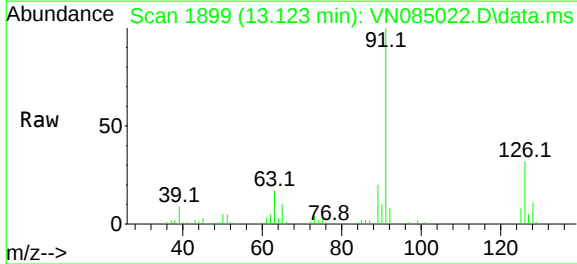
#75
2-Chlorotoluene
Concen: 19.597 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 115292
Ion Ratio Lower Upper
91 100
126 32.3 0.0 60.8

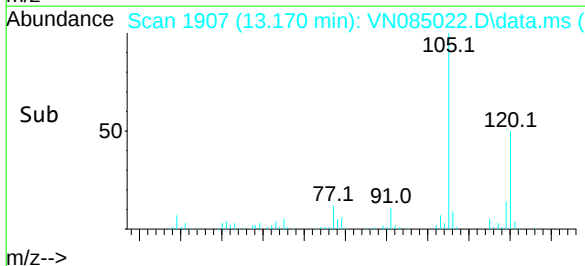
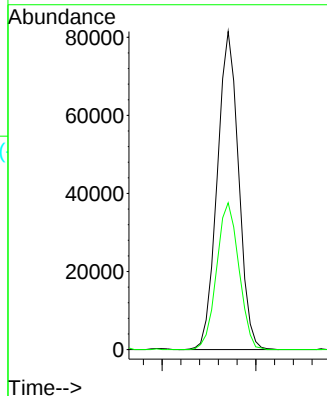
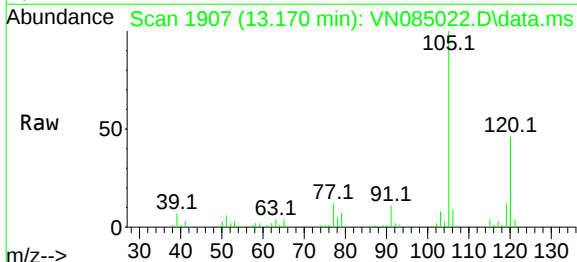
Manual Integrations
APPROVED

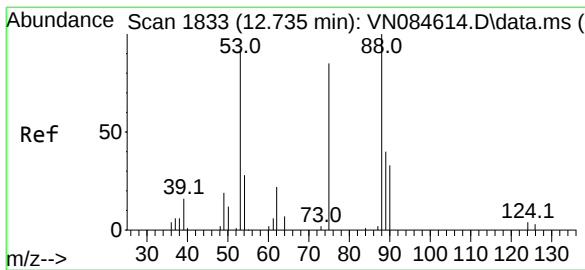
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#76
1,3,5-Trimethylbenzene
Concen: 19.552 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Tgt Ion:105 Resp: 129068
Ion Ratio Lower Upper
105 100
120 48.1 0.0 96.8





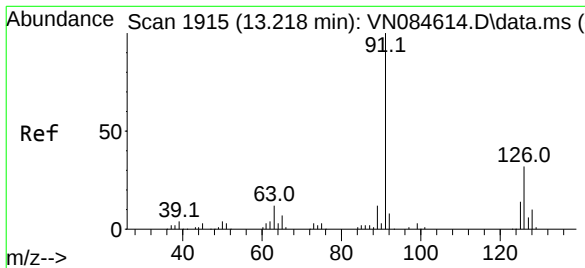
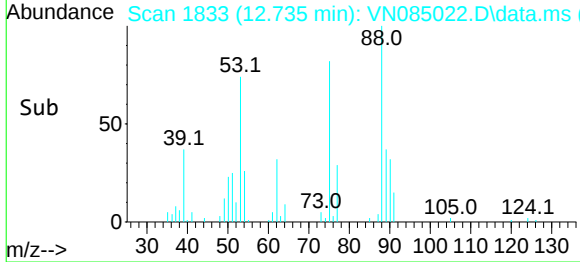
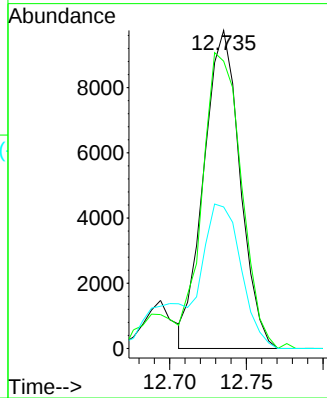
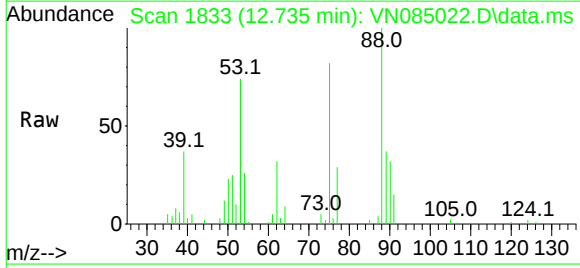
#77
t-1,4-Dichloro-2-butene
Concen: 18.257 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
75	100		
53	90.3	52.4	157.2
89	44.5	26.0	78.0

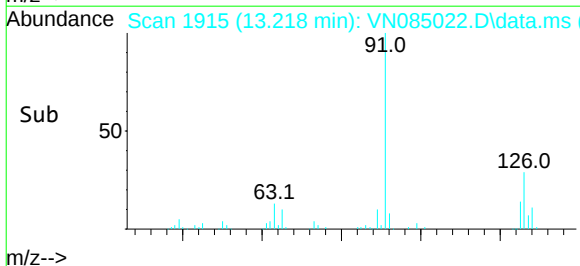
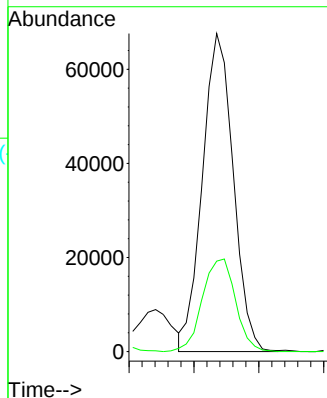
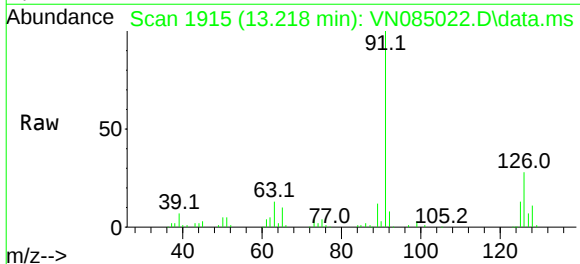
Manual Integrations
APPROVED

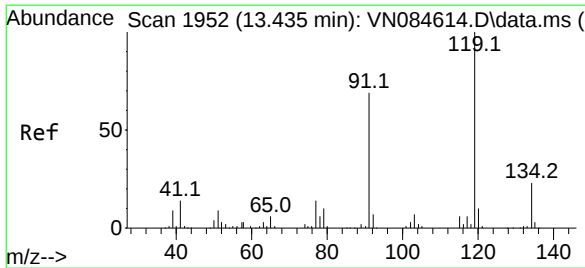
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#78
4-Chlorotoluene
Concen: 18.777 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	0.0	63.4





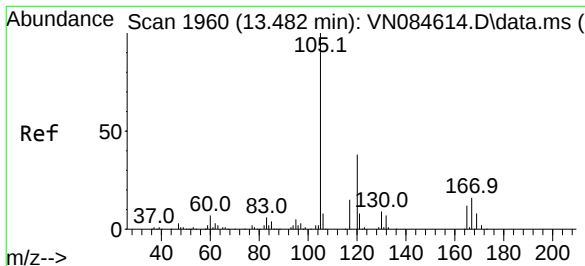
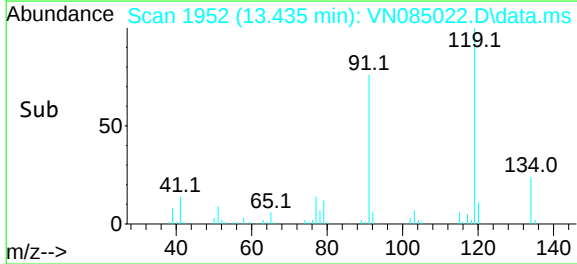
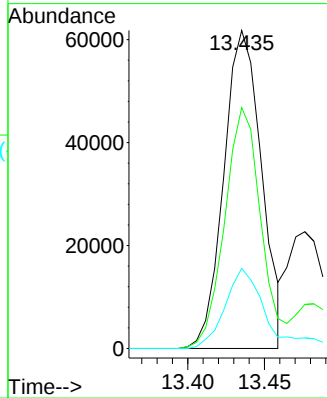
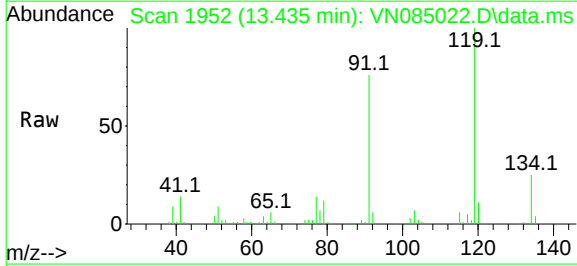
#79
tert-butylbenzene
Concen: 19.414 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:119 Resp: 105981
Ion Ratio Lower Upper
119 100
91 72.7 0.0 143.2
134 23.8 0.0 49.4

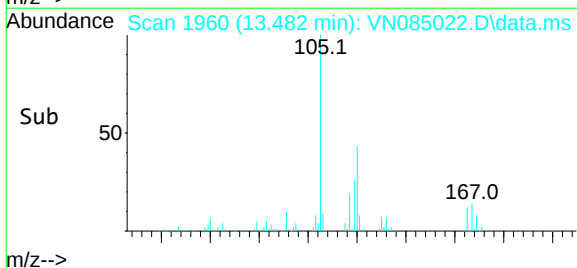
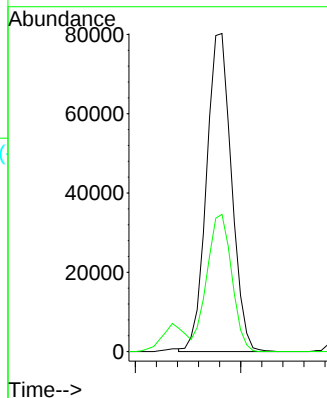
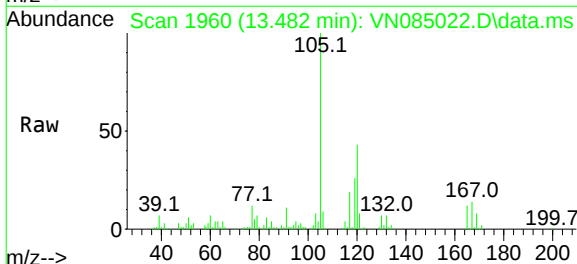
Manual Integrations
APPROVED

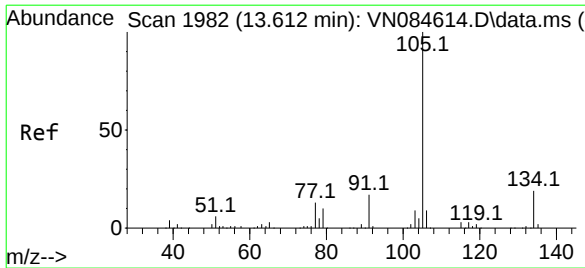
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#80
1,2,4-Trimethylbenzene
Concen: 19.866 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Tgt Ion:105 Resp: 132299
Ion Ratio Lower Upper
105 100
120 42.8 0.0 90.4





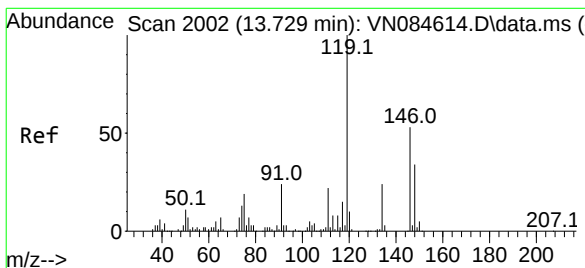
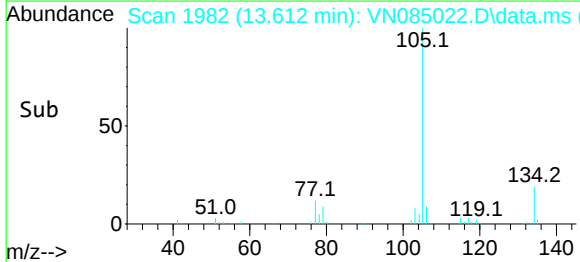
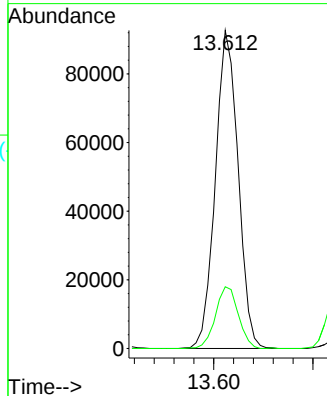
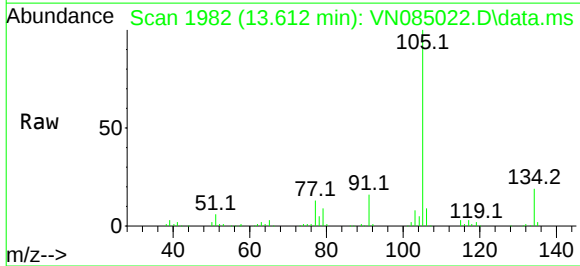
#81
sec-Butylbenzene
Concen: 19.626 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:105 Resp: 147631
Ion Ratio Lower Upper
105 100
134 19.4 0.0 39.0

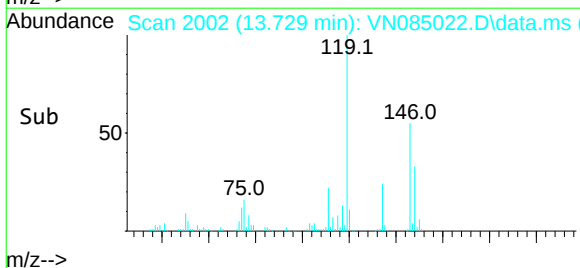
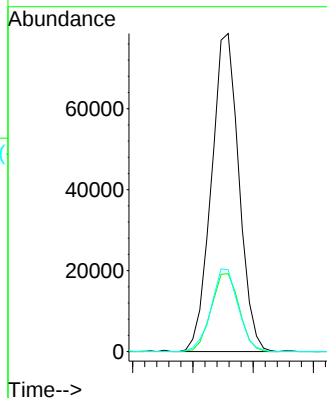
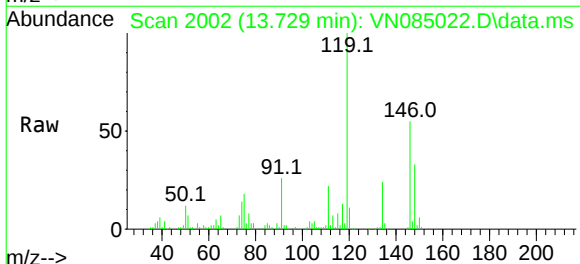
Manual Integrations
APPROVED

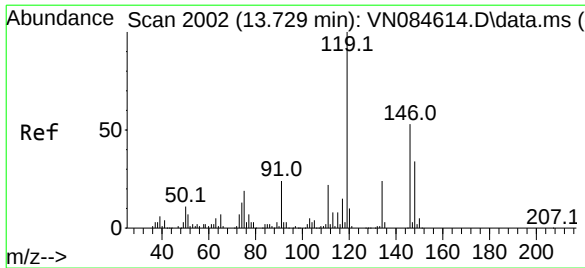
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#82
p-Isopropyltoluene
Concen: 19.746 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Tgt Ion:119 Resp: 124803
Ion Ratio Lower Upper
119 100
134 24.9 0.0 51.4
91 25.7 0.0 50.4





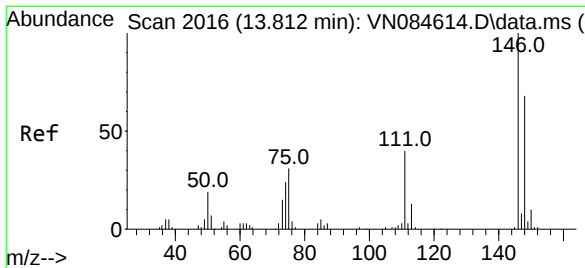
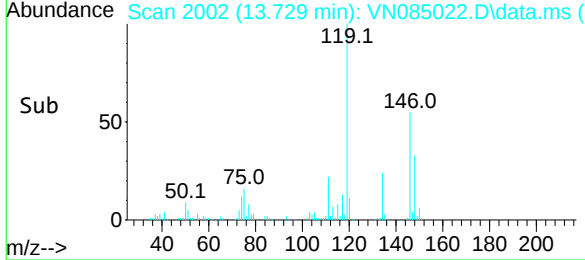
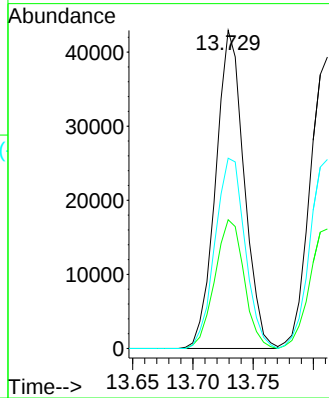
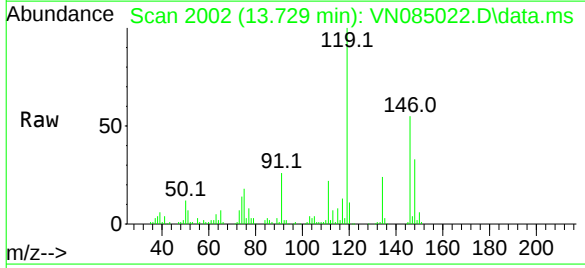
#83
1,3-Dichlorobenzene
Concen: 19.105 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.0	63.0
148	63.2	31.3	93.8

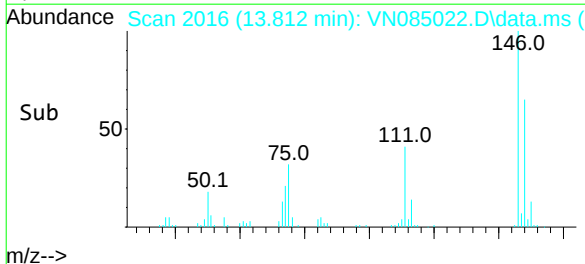
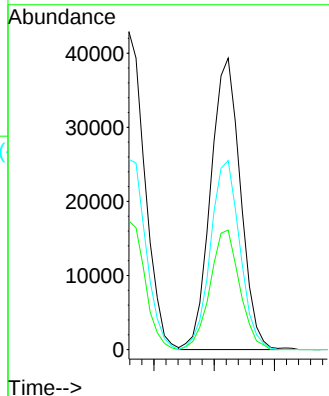
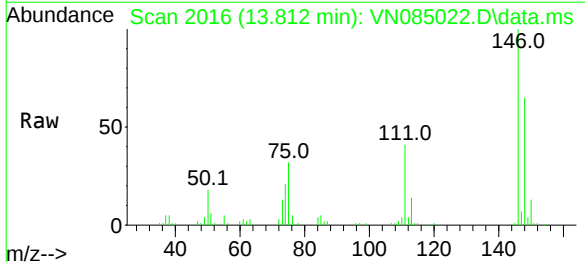
Manual Integrations
APPROVED

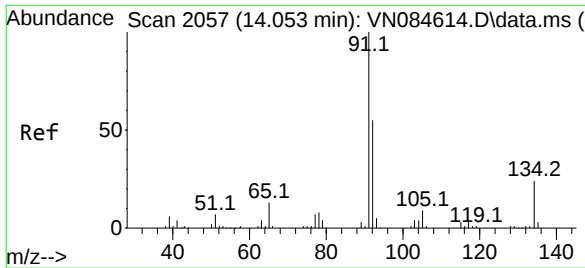
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#84
1,4-Dichlorobenzene
Concen: 18.571 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.2	60.5
148	63.9	32.6	98.0





#85
n-Butylbenzene
Concen: 18.893 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Instrument :

MSVOA_N

ClientSampleId :

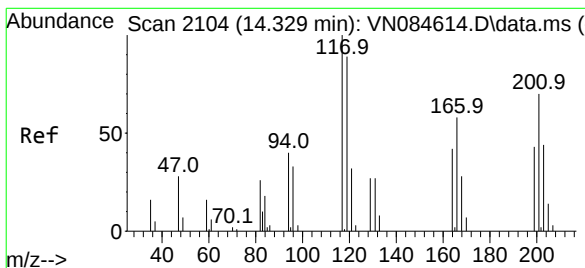
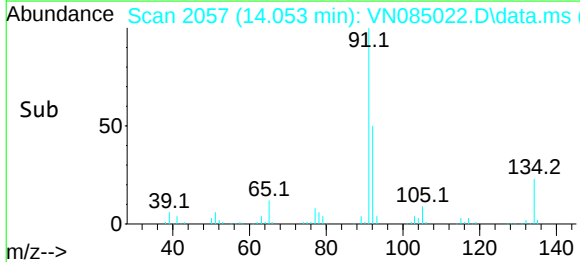
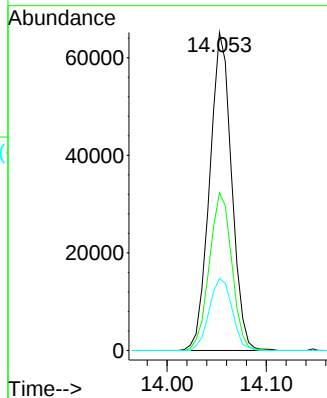
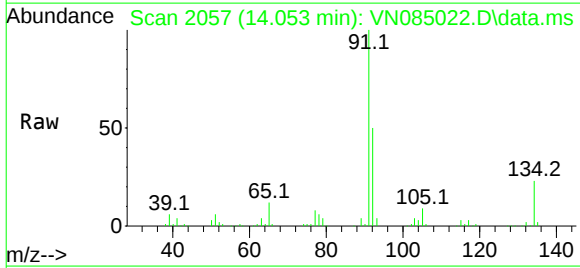
VSTDCCC020

Tgt Ion: 91 Resp: 100290
Ion Ratio Lower Upper
91 100
92 50.6 0.0 106.2
134 23.7 0.0 48.2

Manual Integrations

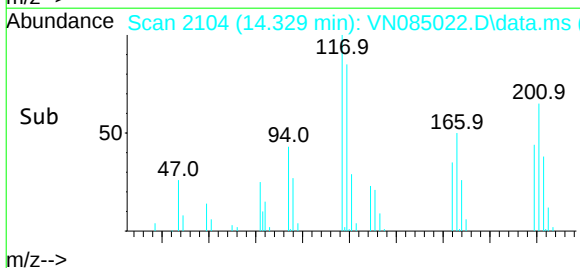
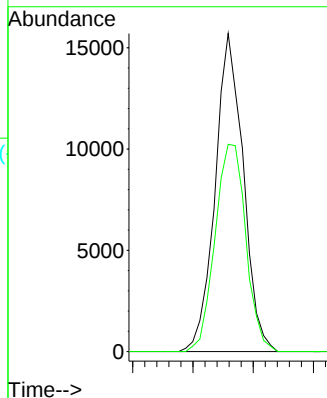
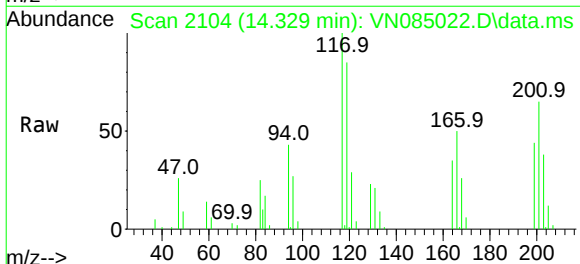
APPROVED

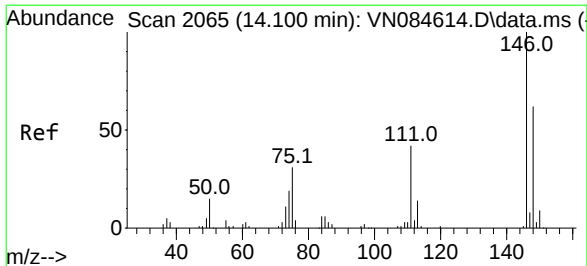
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#86
Hexachloroethane
Concen: 19.707 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Tgt Ion:117 Resp: 25474
Ion Ratio Lower Upper
117 100
201 71.2 34.4 103.3





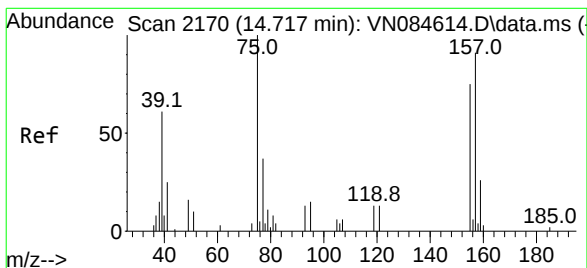
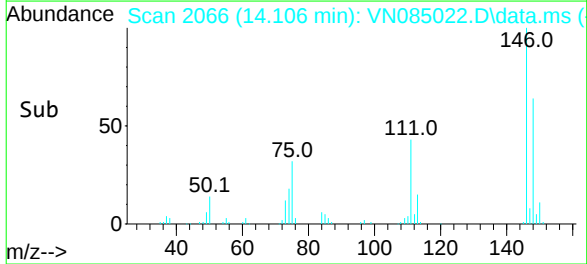
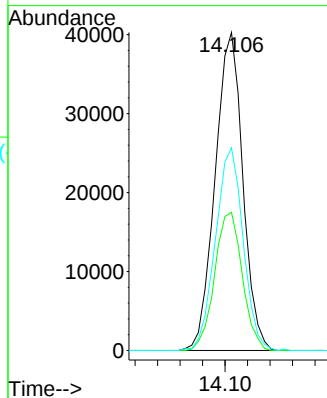
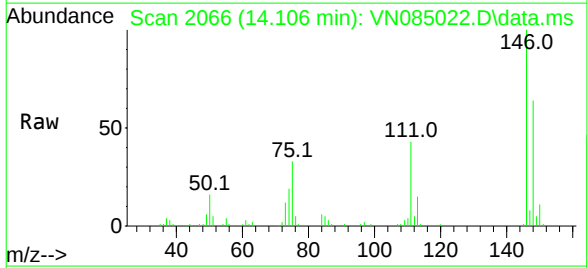
#87
1,2-Dichlorobenzene
Concen: 18.950 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.4	22.4	67.0
148	63.7	32.6	98.0

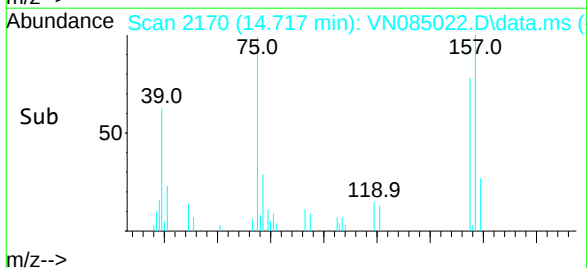
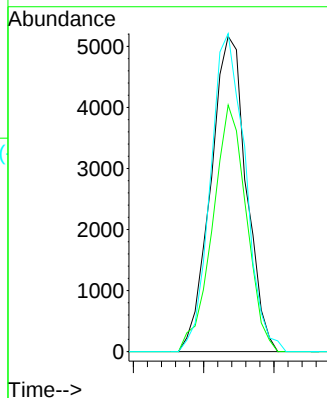
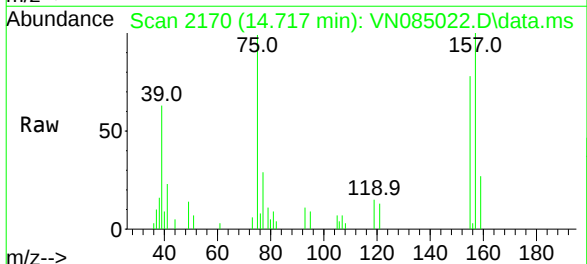
Manual Integrations
APPROVED

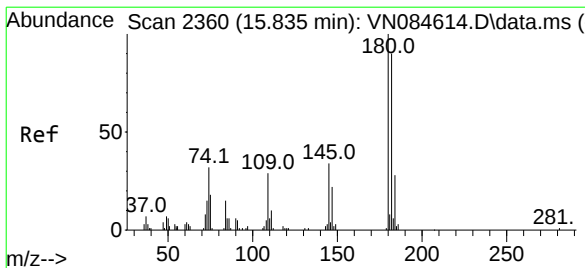
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.790 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085022.D
Acq: 25 Nov 2024 10:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.0	61.8	92.6
157	98.5	74.7	112.1





#89

1,2,4-Trichlorobenzene

Concen: 17.910 ug/l

RT: 15.835 min Scan# 23

Delta R.T. -0.000 min

Lab File: VN085022.D

Acq: 25 Nov 2024 10:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

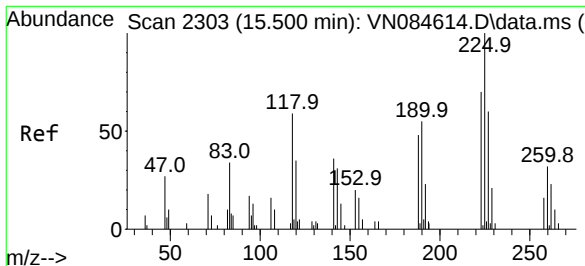
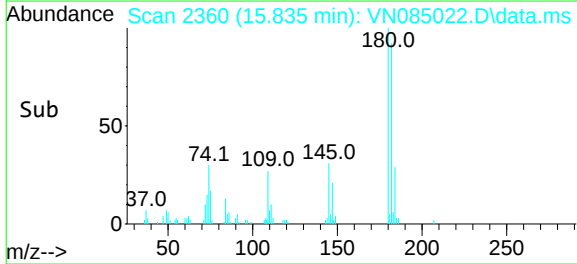
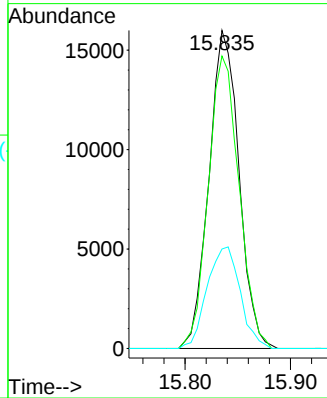
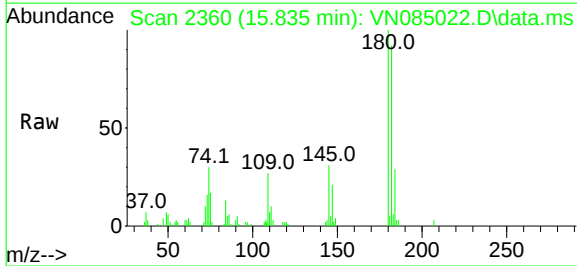
Tgt Ion:	180	Resp:	31668
Ion Ratio	Lower	Upper	
180	100		
182	94.3	73.0	109.6
145	35.2	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/26/2024



#90

Hexachlorobutadiene

Concen: 22.206 ug/l

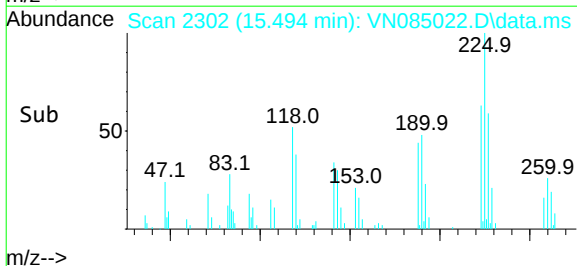
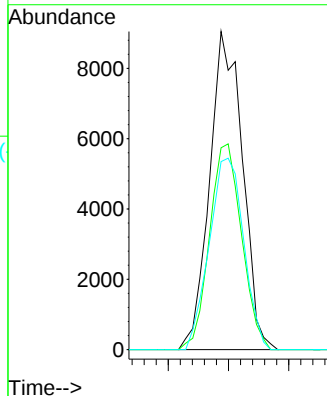
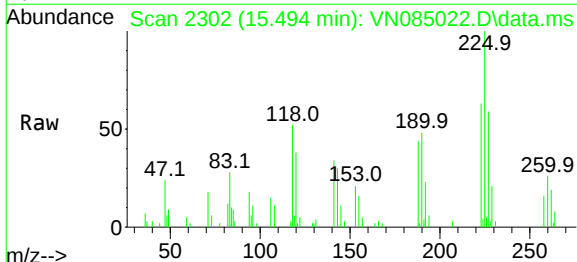
RT: 15.494 min Scan# 2302

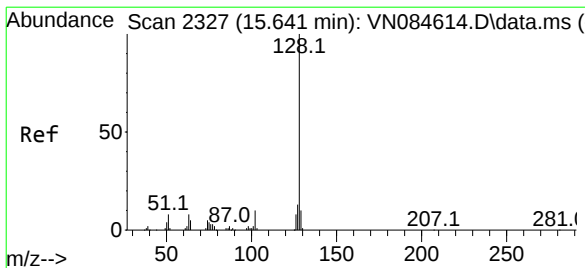
Delta R.T. -0.006 min

Lab File: VN085022.D

Acq: 25 Nov 2024 10:59

Tgt Ion:	225	Resp:	17151
Ion Ratio	Lower	Upper	
225	100		
223	63.2	0.0	138.8
227	63.0	0.0	123.2





#91

Naphthalene

Concen: 16.046 ug/l

RT: 15.635 min Scan# 2327

Delta R.T. -0.006 min

Lab File: VN085022.D

Acq: 25 Nov 2024 10:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

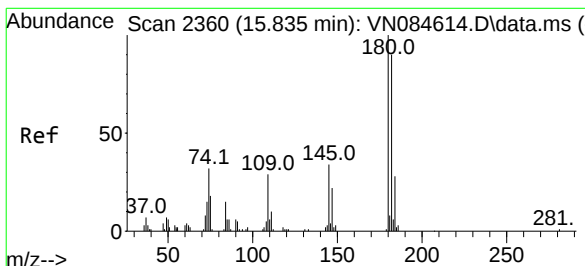
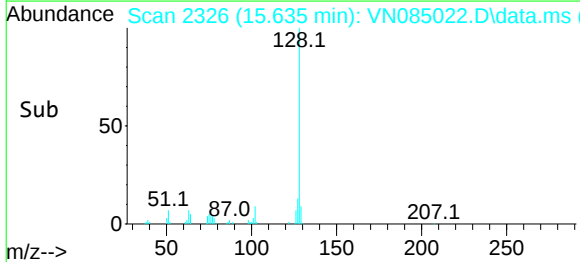
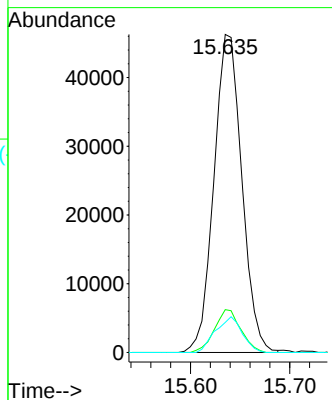
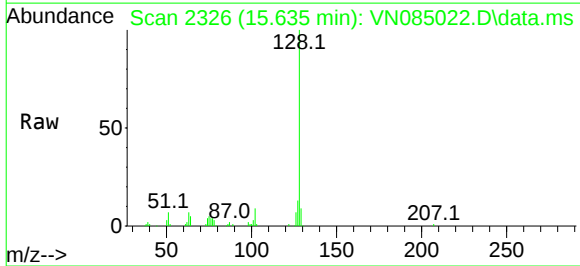
Tgt Ion:	128	Resp:	90609
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.3	15.5
129	10.7	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/26/2024



#92

1,2,3-Trichlorobenzene

Concen: 17.910 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085022.D

Acq: 25 Nov 2024 10:59

Tgt Ion:	180	Resp:	31668
Ion Ratio	Lower	Upper	
180	100		
182	94.3	0.0	182.6
145	35.2	0.0	66.2

