

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091924\
 Data File : VN084034.D
 Acq On : 19 Sep 2024 15:06
 Operator : JC\MD
 Sample : VN0919WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBS01

Quant Time: Sep 20 01:30:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/20/2024
 Supervised By : Mahesh Dadoda 09/20/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	143076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	255123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	221660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	110849	51.381	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.760%			
35) Dibromofluoromethane	8.165	113	79295	48.550	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.100%			
50) Toluene-d8	10.565	98	282666	50.062	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.120%			
62) 4-Bromofluorobenzene	12.847	95	106943	45.908	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 91.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	30525	18.371	ug/l	97
3) Chloromethane	2.360	50	31137	17.137	ug/l	95
4) Vinyl Chloride	2.513	62	32921	18.076	ug/l	100
5) Bromomethane	2.960	94	21450	20.513	ug/l	93
6) Chloroethane	3.118	64	22157	17.343	ug/l	91
7) Trichlorofluoromethane	3.495	101	59129	19.126	ug/l	95
8) Diethyl Ether	3.959	74	20941	20.207	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	32125	19.605	ug/l	98
10) Methyl Iodide	4.589	142	38140	18.301	ug/l	92
11) Tert butyl alcohol	5.518	59	38177	132.149	ug/l	100
12) 1,1-Dichloroethene	4.342	96	28658	18.519	ug/l	95
13) Acrolein	4.177	56	19264	67.583	ug/l	94
14) Allyl chloride	5.024	41	54215	19.661	ug/l	98
15) Acrylonitrile	5.718	53	89144	113.465	ug/l	100
16) Acetone	4.430	43	89500	103.487	ug/l	99
17) Carbon Disulfide	4.712	76	70379	16.258	ug/l	99
18) Methyl Acetate	5.024	43	43766	23.297	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	116514	20.806	ug/l	98
20) Methylene Chloride	5.277	84	33894	19.151	ug/l	86
21) trans-1,2-Dichloroethene	5.795	96	30310	18.276	ug/l	99
22) Diisopropyl ether	6.677	45	118035	20.794	ug/l	96
23) Vinyl Acetate	6.601	43	446486	107.409	ug/l	97
24) 1,1-Dichloroethane	6.565	63	64105	19.602	ug/l	98
25) 2-Butanone	7.483	43	128554	113.094	ug/l	94
26) 2,2-Dichloropropane	7.495	77	57470	19.082	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	38626	19.620	ug/l	97
28) Bromochloromethane	7.812	49	28021	20.347	ug/l	96
29) Tetrahydrofuran	7.842	42	78654	117.024	ug/l	98
30) Chloroform	7.965	83	69683	20.071	ug/l	100
31) Cyclohexane	8.253	56	54182	17.377	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	63565	19.912	ug/l	98
36) 1,1-Dichloropropene	8.371	75	44722	18.192	ug/l	99
37) Ethyl Acetate	7.565	43	49701	22.273	ug/l	99
38) Carbon Tetrachloride	8.359	117	52552	18.843	ug/l	98
39) Methylcyclohexane	9.600	83	47991	17.151	ug/l	96
40) Benzene	8.600	78	143584	19.405	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	28263	21.415	ug/l	98
42) 1,2-Dichloroethane	8.671	62	55715	20.151	ug/l	99
43) Isopropyl Acetate	8.689	43	121788	30.119	ug/l #	90
44) Trichloroethene	9.353	130	32712	19.091	ug/l	89
45) 1,2-Dichloropropane	9.618	63	36893	20.630	ug/l	98
46) Dibromomethane	9.706	93	26442	21.109	ug/l	96
47) Bromodichloromethane	9.889	83	55608	20.513	ug/l	98
48) Methyl methacrylate	9.683	41	41140	21.444	ug/l	98
49) 1,4-Dioxane	9.694	88	13646	432.388	ug/l #	94
51) 4-Methyl-2-Pentanone	10.441	43	262802	119.394	ug/l	97
52) Toluene	10.630	92	88128	19.472	ug/l	95
53) t-1,3-Dichloropropene	10.836	75	54577	19.862	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	57595	19.954	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	34288	20.293	ug/l	99
56) Ethyl methacrylate	10.871	69	55789	21.461	ug/l	93
57) 1,3-Dichloropropane	11.159	76	58855	20.267	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	107318	114.572	ug/l	98
59) 2-Hexanone	11.194	43	192671	118.331	ug/l	97
60) Dibromochloromethane	11.359	129	39607	20.946	ug/l	99
61) 1,2-Dibromoethane	11.471	107	33542	19.905	ug/l	98
64) Tetrachloroethene	11.106	164	27722	18.806	ug/l	95
65) Chlorobenzene	11.888	112	92162	18.707	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	33712	19.739	ug/l	98
67) Ethyl Benzene	11.965	91	169288	19.344	ug/l	98
68) m/p-Xylenes	12.071	106	125004	38.473	ug/l	99
69) o-Xylene	12.400	106	60457	19.221	ug/l	98
70) Styrene	12.412	104	102522	19.860	ug/l	99
71) Bromoform	12.577	173	25067	21.781	ug/l #	100
73) Isopropylbenzene	12.694	105	157882	19.821	ug/l	98
74) N-amyl acetate	12.494	43	76099	22.392	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	49342	21.083	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	42523m	20.468	ug/l	
77) Bromobenzene	12.977	156	36627	19.103	ug/l	97
78) n-propylbenzene	13.035	91	184919	19.953	ug/l	98
79) 2-Chlorotoluene	13.124	91	116694	19.743	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	132558	19.739	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	16688	21.038	ug/l	93
82) 4-Chlorotoluene	13.224	91	115489	19.471	ug/l	100
83) tert-Butylbenzene	13.435	119	116713	19.864	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	133961	19.858	ug/l	100
85) sec-Butylbenzene	13.618	105	157707	20.239	ug/l	100
86) p-Isopropyltoluene	13.729	119	127451	19.512	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	67210	18.574	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	69170	18.878	ug/l	98
89) n-Butylbenzene	14.053	91	109561	18.682	ug/l	99
90) Hexachloroethane	14.329	117	25233	19.217	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	67387	19.296	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	11453	24.549	ug/l	92
93) 1,2,4-Trichlorobenzene	15.388	180	32554	17.371	ug/l	98
94) Hexachlorobutadiene	15.494	225	14226	17.875	ug/l	99
95) Naphthalene	15.641	128	110380	19.360	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	32858	18.346	ug/l	99

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Response via : Initial Calibration

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

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

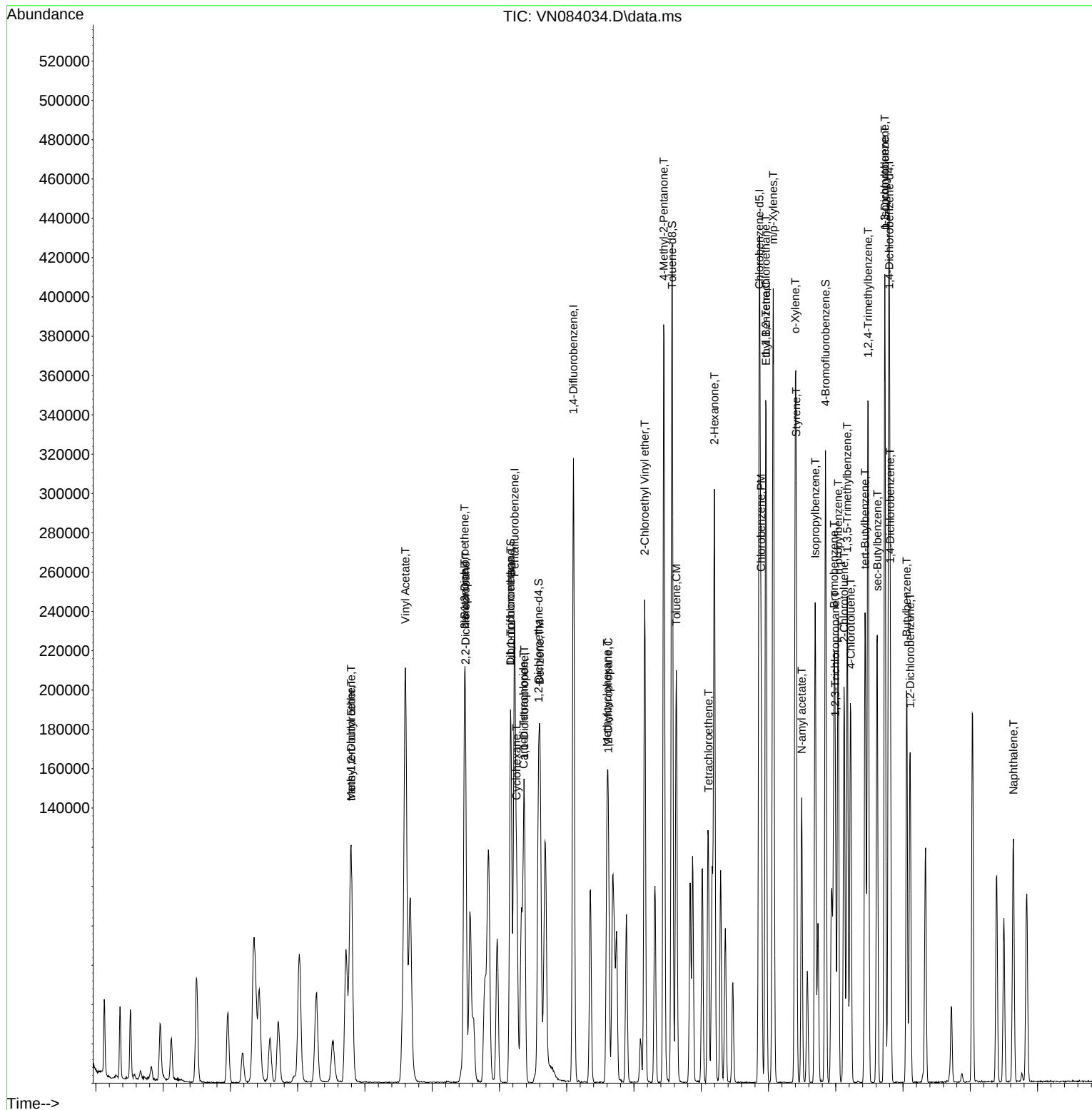
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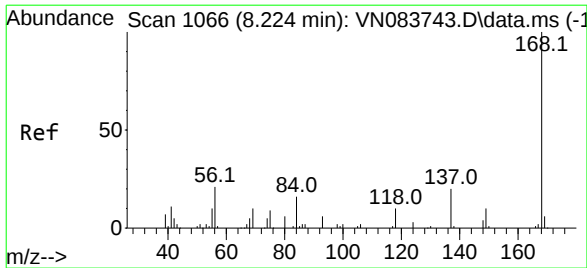
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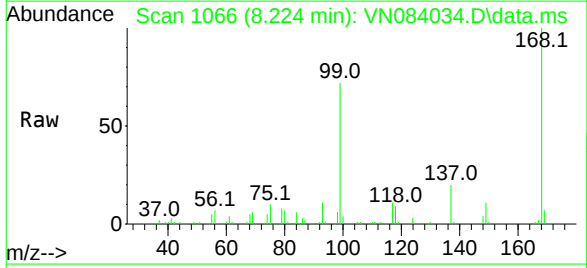
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084034.D
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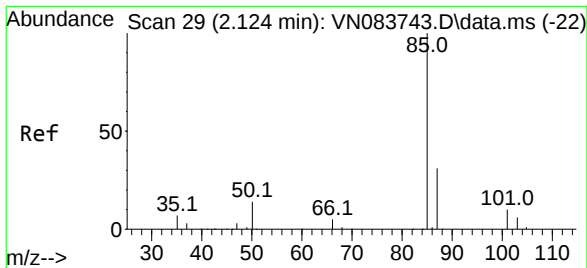
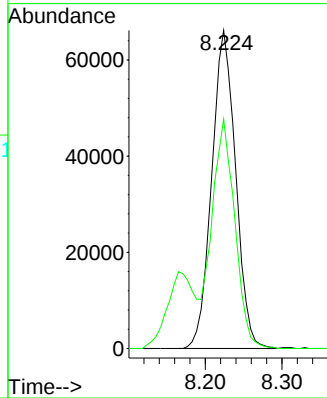
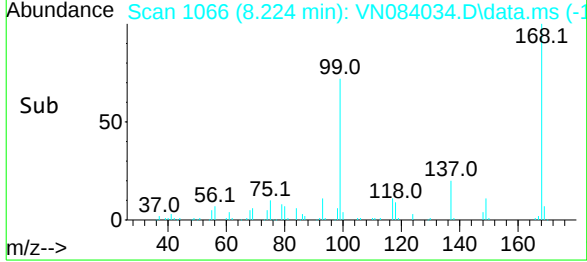
Instrument :
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Tgt Ion: 168 Resp: 143076
Ion Ratio Lower Upper
168 100
99 72.1 54.2 81.2

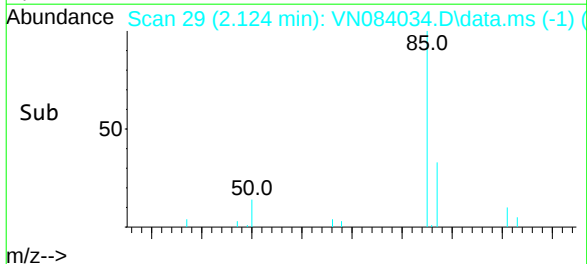
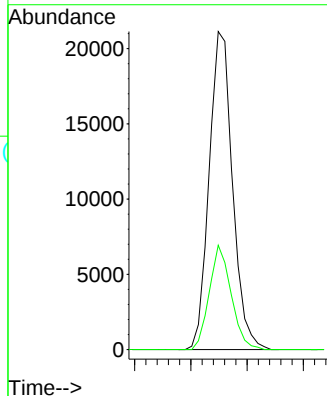
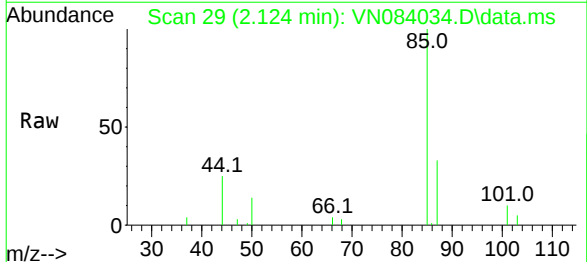
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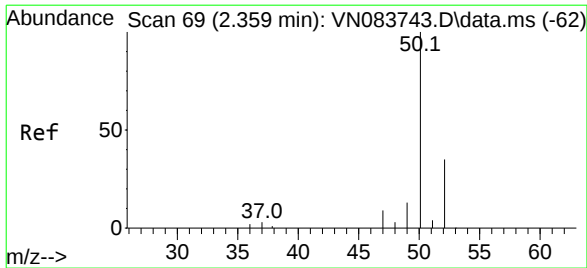
Reviewed By : John Carlone 09/20/2024
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#2
Dichlorodifluoromethane
Concen: 18.371 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

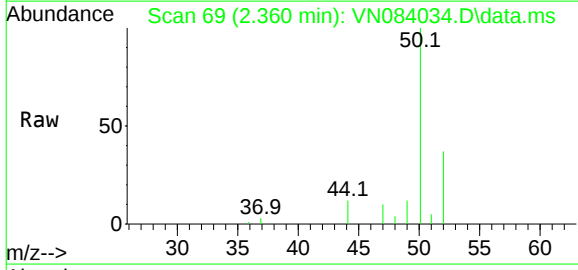
Tgt Ion: 85 Resp: 30525
Ion Ratio Lower Upper
85 100
87 32.8 15.7 47.0





#3
Chloromethane
Concen: 17.137 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.001 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

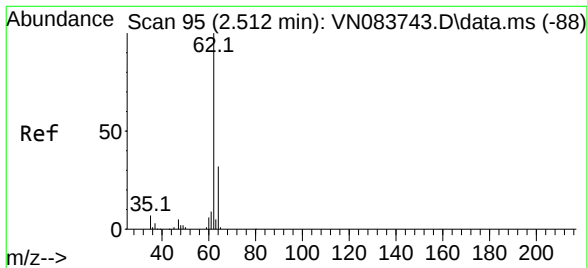
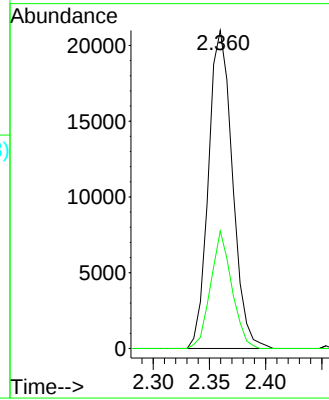
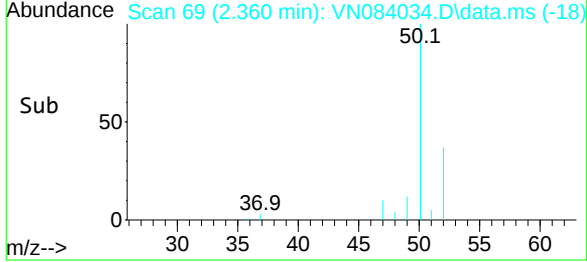
Instrument :
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Tgt Ion: 50 Resp: 31137
Ion Ratio Lower Upper
50 100
52 37.0 27.2 40.8

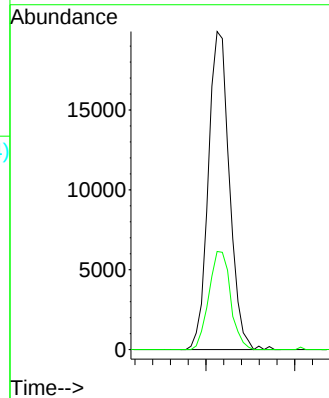
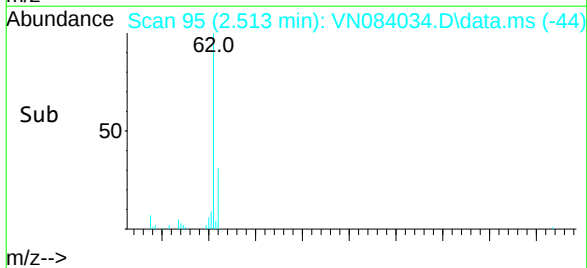
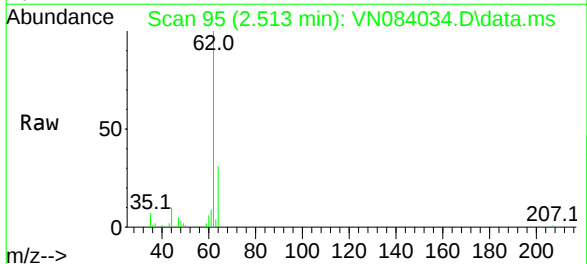
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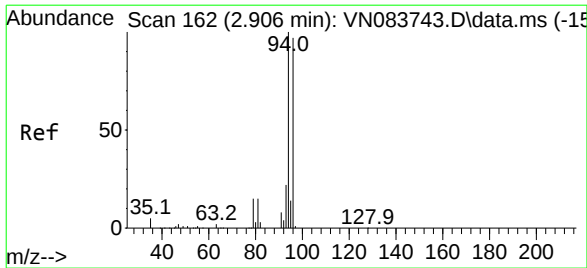
Reviewed By :John Carlone 09/20/2024
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#4
Vinyl Chloride
Concen: 18.076 ug/l
RT: 2.513 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

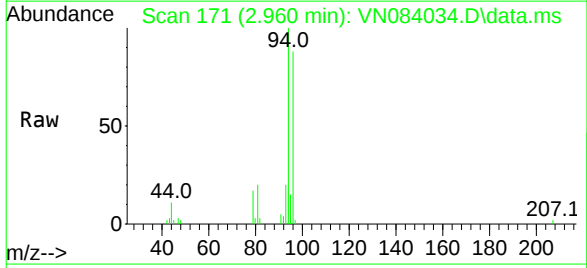
Tgt Ion: 62 Resp: 32921
Ion Ratio Lower Upper
62 100
64 30.9 24.7 37.1





#5
Bromomethane
Concen: 20.513 ug/l
RT: 2.960 min Scan# 171
Delta R.T. 0.053 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

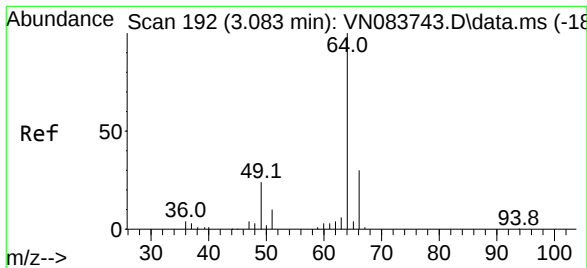
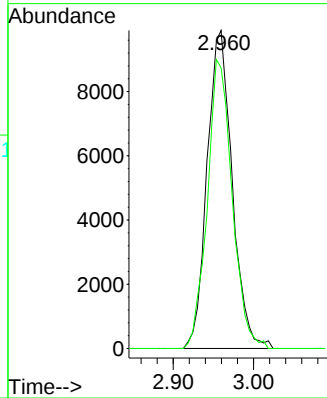
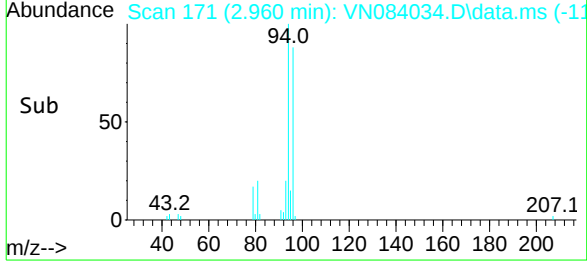
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Tgt Ion: 94 Resp: 21450
Ion Ratio Lower Upper
94 100
96 88.2 76.0 114.0

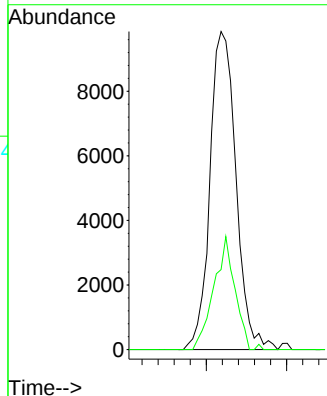
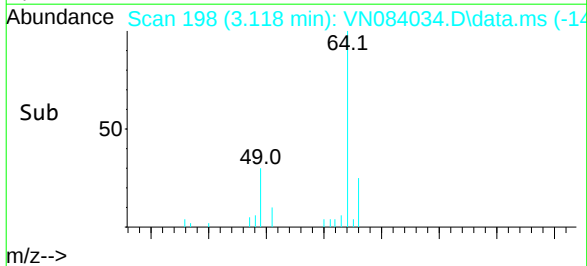
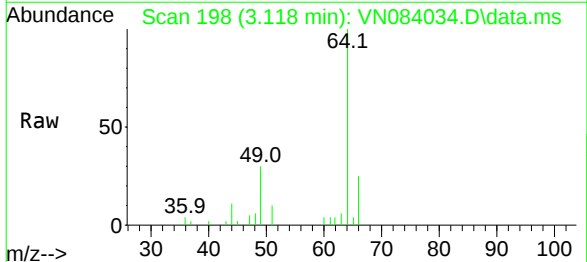
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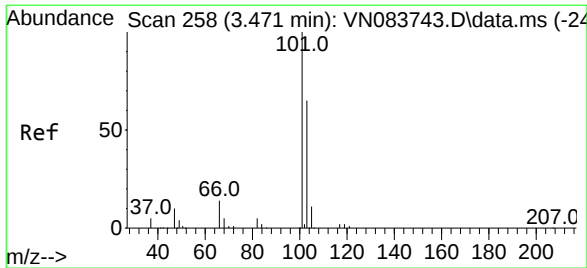
Reviewed By :John Carlone 09/20/2024
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#6
Chloroethane
Concen: 17.343 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.035 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

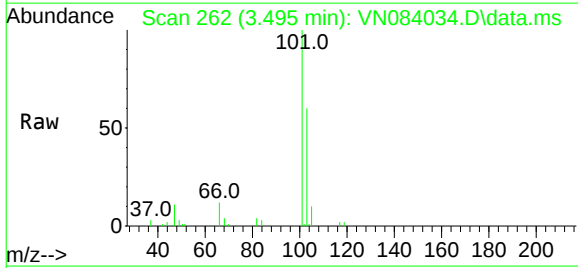
Tgt Ion: 64 Resp: 22157
Ion Ratio Lower Upper
64 100
66 25.1 23.9 35.9





#7
 Trichlorofluoromethane
 Concen: 19.126 ug/l
 RT: 3.495 min Scan# 261
 Delta R.T. 0.024 min
 Lab File: VN084034.D
 Acq: 19 Sep 2024 15:06

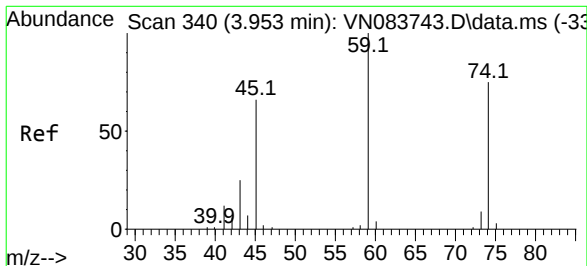
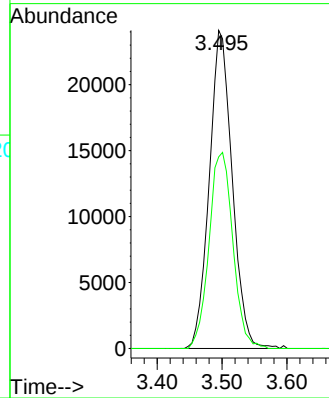
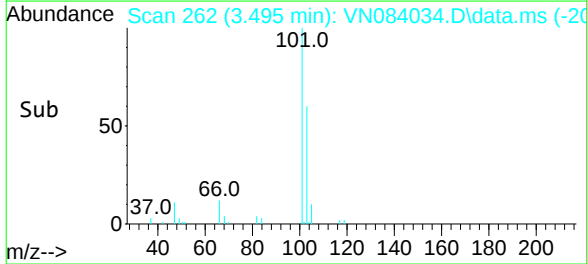
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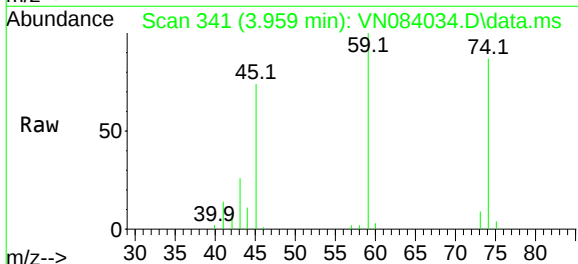
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 Ion Ratio Lower Upper
 101 100
 103 60.2 51.4 77.0

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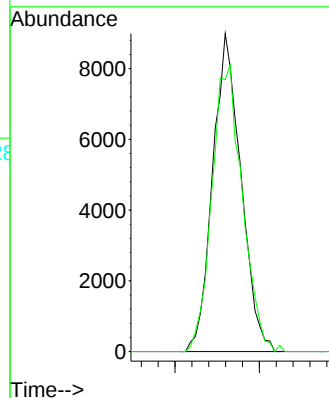
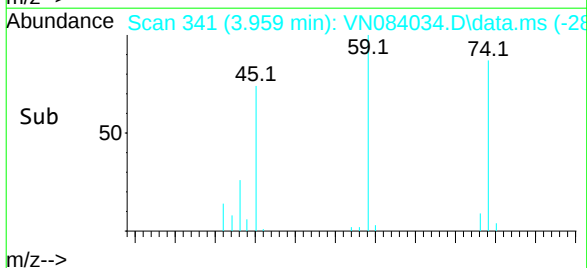
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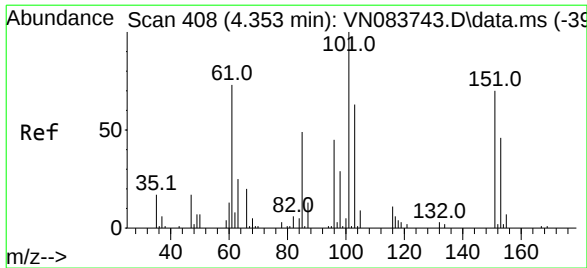


#8
 Diethyl Ether
 Concen: 20.207 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN084034.D
 Acq: 19 Sep 2024 15:06



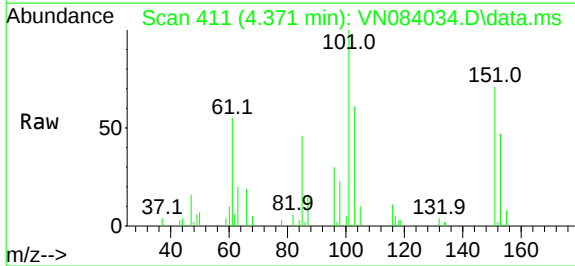
Tgt Ion: 74 Resp: 20941
 Ion Ratio Lower Upper
 74 100
 45 97.0 46.7 140.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.605 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

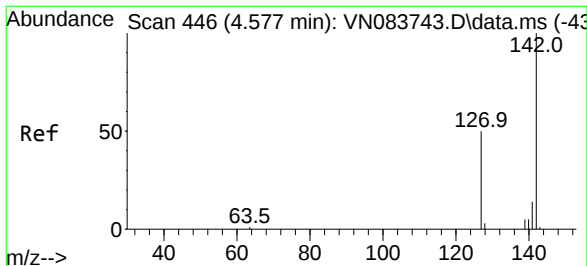
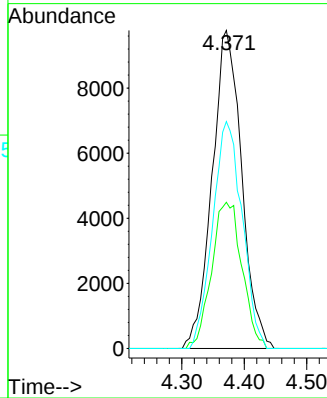
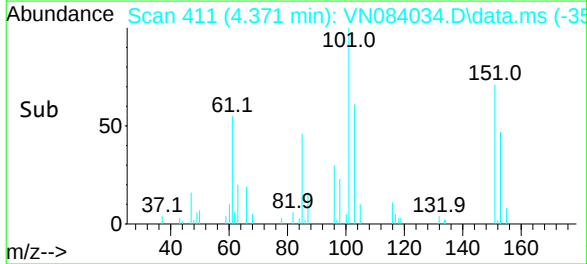
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01



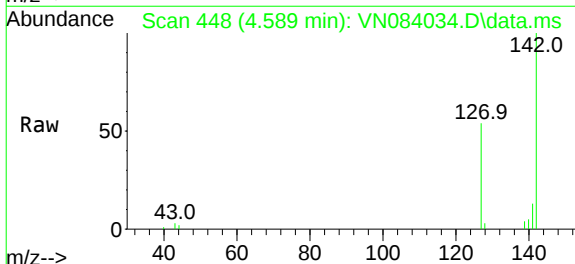
Tgt Ion:101 Resp: 32125
Ion Ratio Lower Upper
101 100
85 47.3 36.2 54.4
151 71.4 57.7 86.5

Manual Integrations
APPROVED

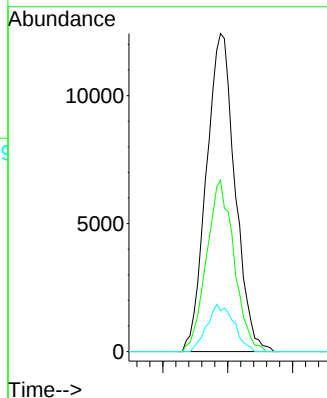
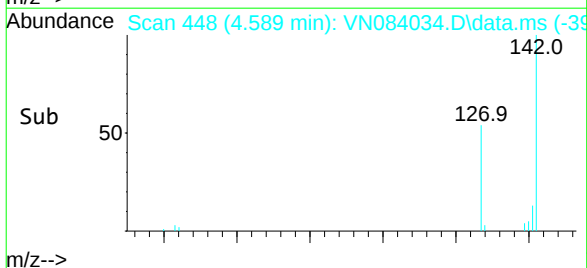
Reviewed By :John Carlone 09/20/2024
Supervised By :Mahesh Dadoda 09/20/2024

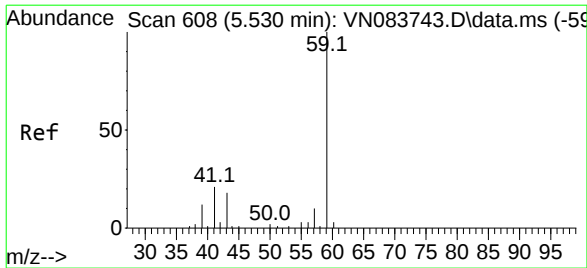


#10
Methyl Iodide
Concen: 18.301 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06



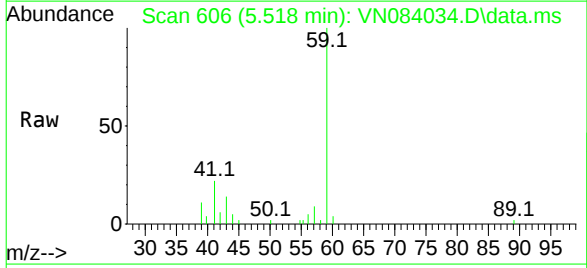
Tgt Ion:142 Resp: 38140
Ion Ratio Lower Upper
142 100
127 53.8 37.5 56.3
141 12.9 11.0 16.4





#11
Tert butyl alcohol
Concen: 132.149 ug/l
RT: 5.518 min Scan# 60
Delta R.T. -0.012 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

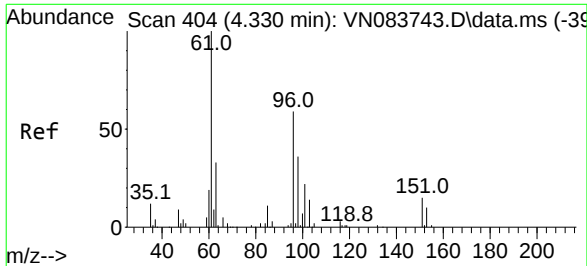
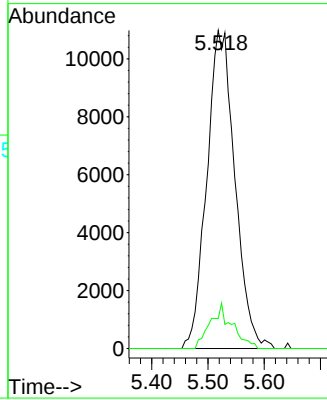
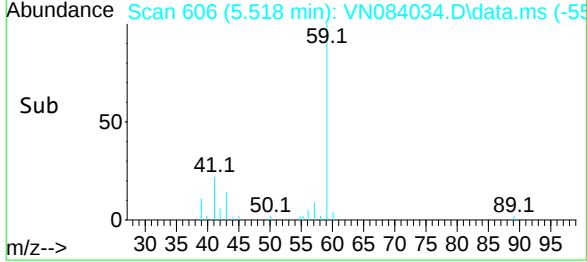
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01



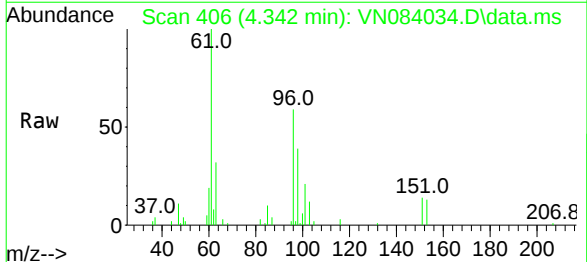
Tgt Ion: 59 Resp: 38177
Ion Ratio Lower Upper
59 100
57 11.0 8.7 13.1

Manual Integrations
APPROVED

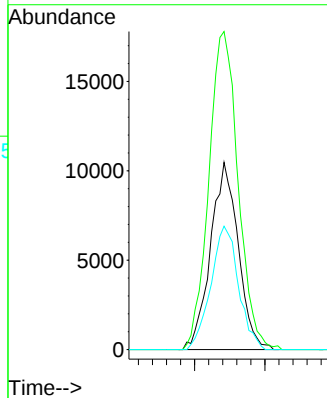
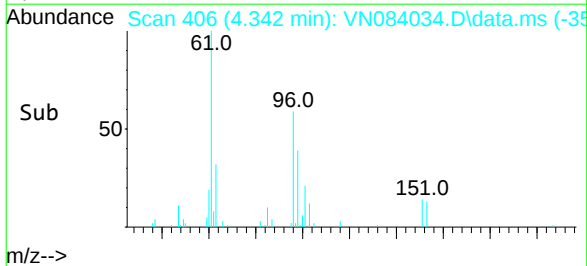
Reviewed By :John Carlone 09/20/2024
Supervised By :Mahesh Dadoda 09/20/2024

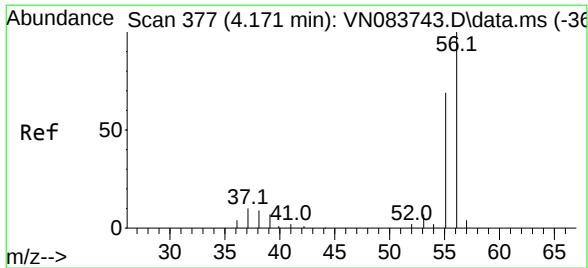


#12
1,1-Dichloroethene
Concen: 18.519 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06



Tgt Ion: 96 Resp: 28658
Ion Ratio Lower Upper
96 100
61 169.9 143.4 215.0
98 65.9 52.7 79.1





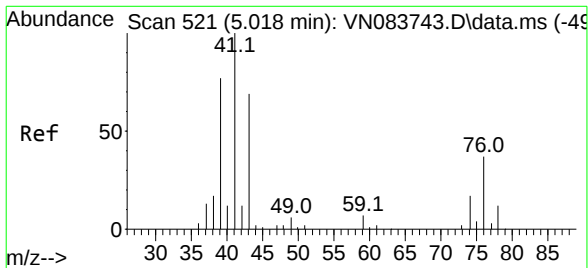
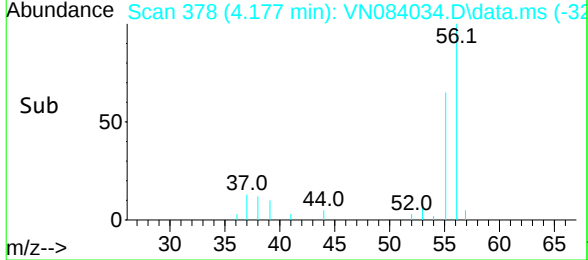
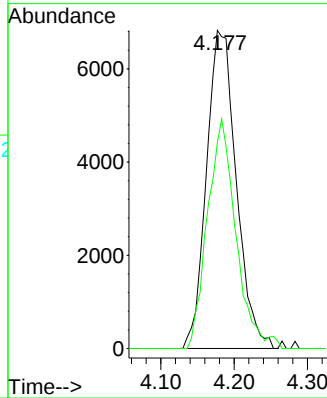
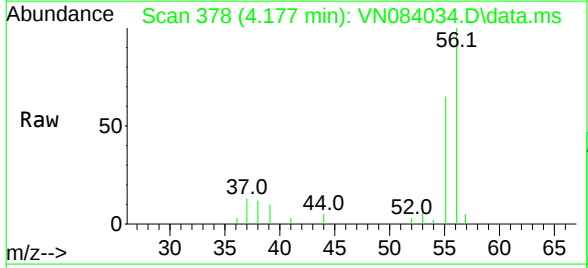
#13
Acrolein
Concen: 67.583 ug/l
RT: 4.177 min Scan# 37
Delta R.T. 0.006 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
55	67.6	58.2	87.2

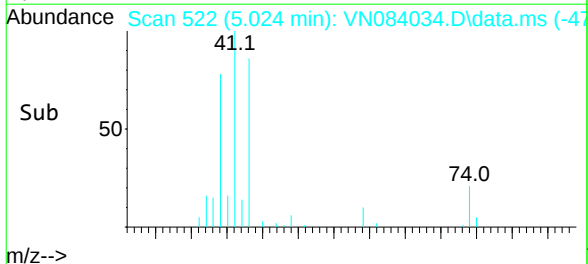
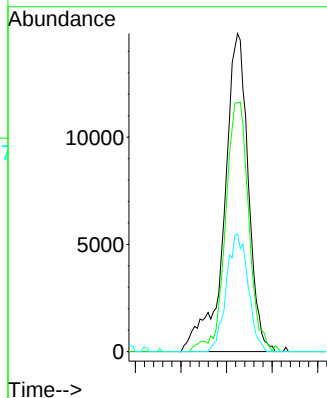
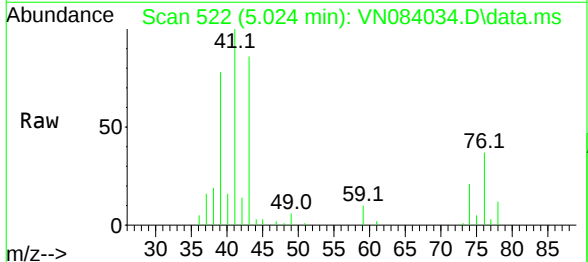
Manual Integrations
APPROVED

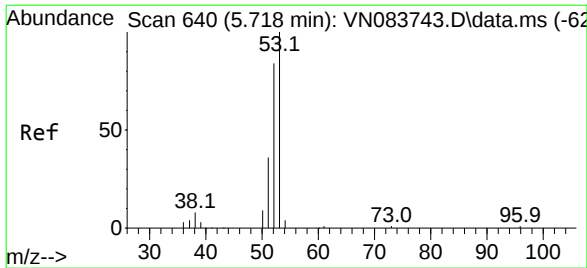
Reviewed By :John Carlone 09/20/2024
Supervised By :Mahesh Dadoda 09/20/2024



#14
Allyl chloride
Concen: 19.661 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

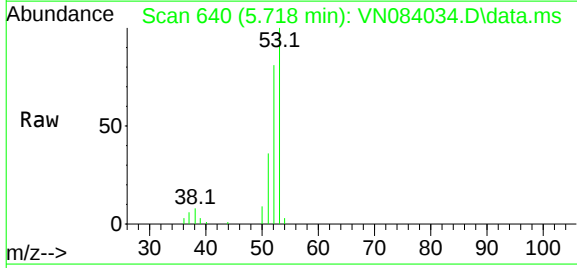
Tgt Ion	Ratio	Lower	Upper
41	100		
39	75.7	59.3	88.9
76	33.4	27.7	41.5





#15
Acrylonitrile
Concen: 113.465 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

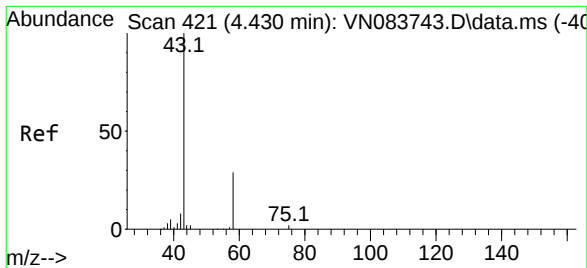
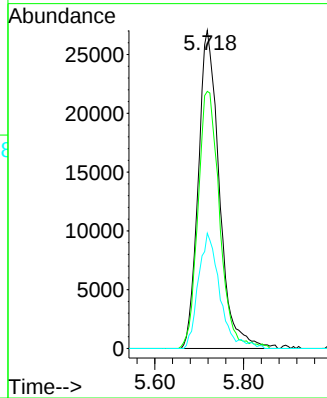
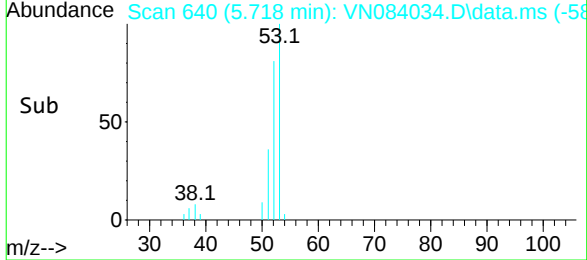
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01



Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.1	99.1
51	37.1	29.6	44.4

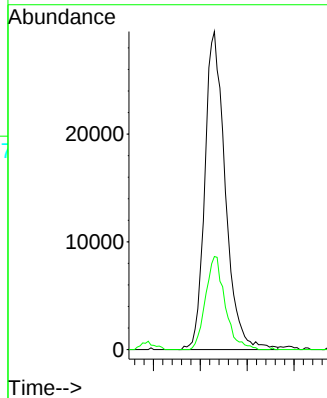
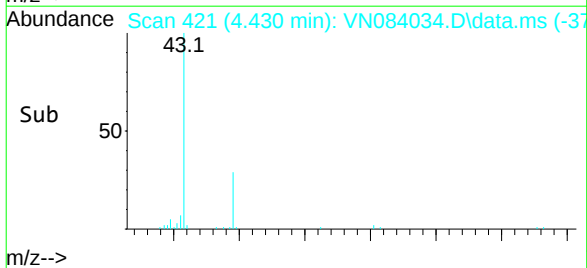
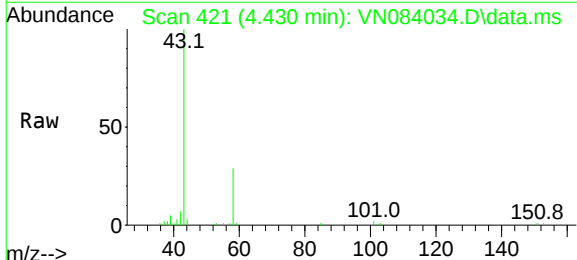
Manual Integrations
APPROVED

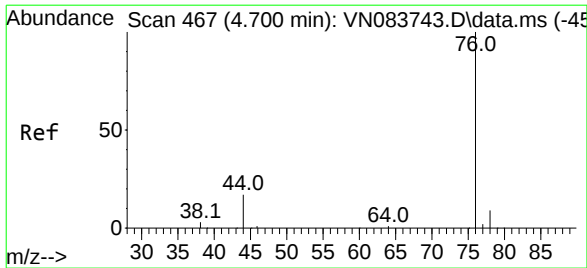
Reviewed By :John Carlone 09/20/2024
Supervised By :Mahesh Dadoda 09/20/2024



#16
Acetone
Concen: 103.487 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

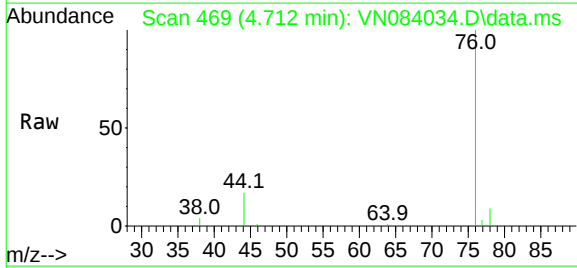
Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.3	23.7	35.5





#17
Carbon Disulfide
Concen: 16.258 ug/l
RT: 4.712 min Scan# 467
Delta R.T. 0.012 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

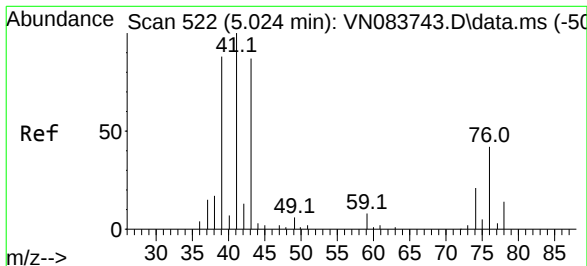
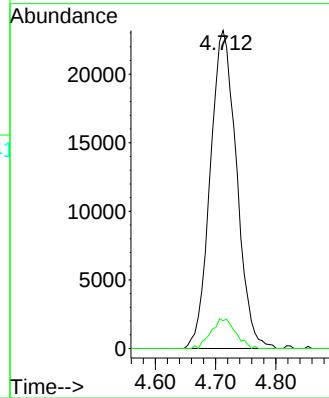
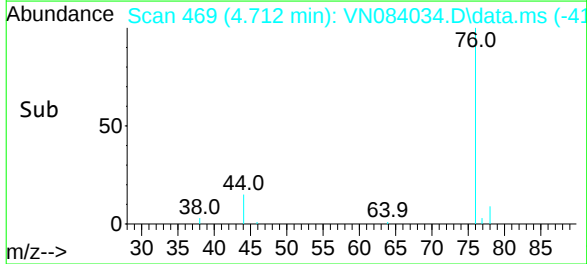
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01



Tgt Ion: 76 Resp: 70379
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7

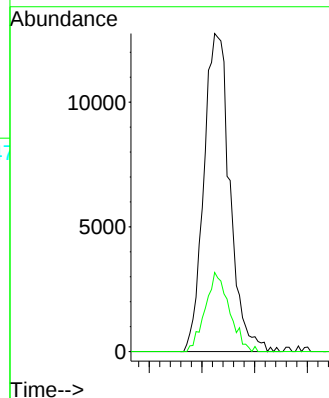
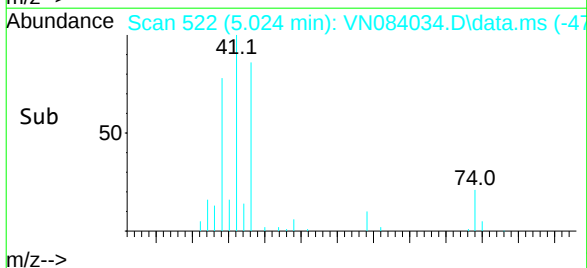
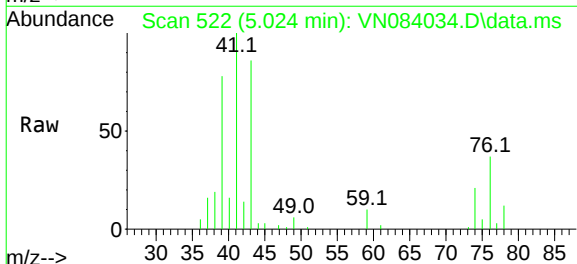
Manual Integrations
APPROVED

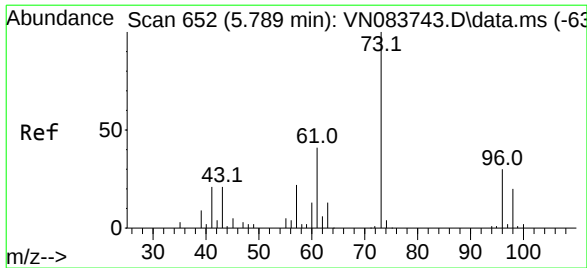
Reviewed By :John Carlone 09/20/2024
Supervised By :Mahesh Dadoda 09/20/2024



#18
Methyl Acetate
Concen: 23.297 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

Tgt Ion: 43 Resp: 43766
Ion Ratio Lower Upper
43 100
74 22.9 19.0 28.4





#19

Methyl tert-butyl Ether

Concen: 20.806 ug/l

RT: 5.795 min Scan# 65

Delta R.T. 0.006 min

Lab File: VN084034.D

Acq: 19 Sep 2024 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBS01

Tgt Ion: 73 Resp: 116514

Ion Ratio Lower Upper

73 100

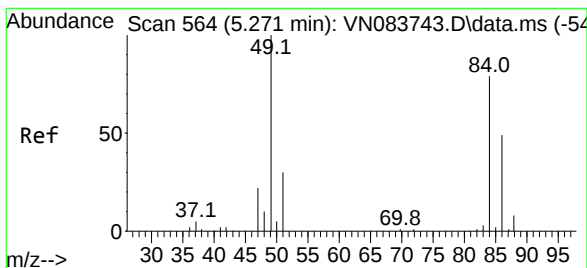
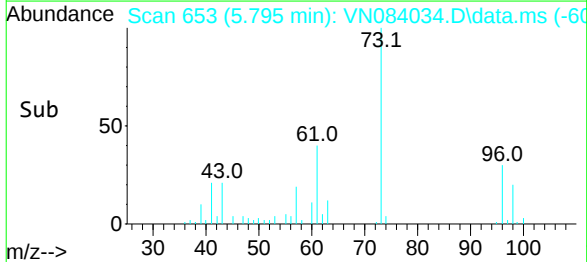
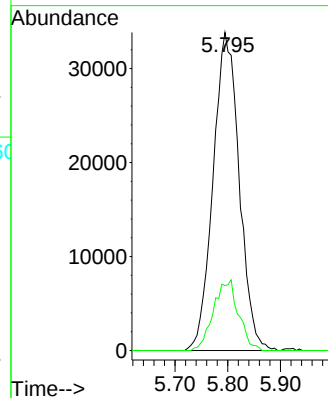
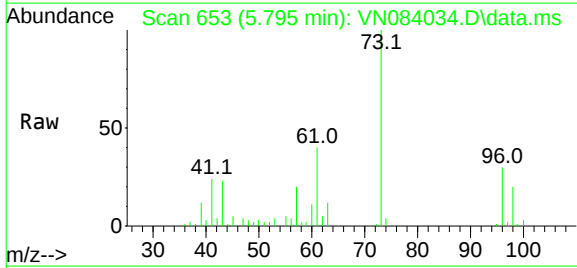
57 20.4 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2024

Supervised By :Mahesh Dadoda 09/20/2024



#20

Methylene Chloride

Concen: 19.151 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.006 min

Lab File: VN084034.D

Acq: 19 Sep 2024 15:06

Tgt Ion: 84 Resp: 33894

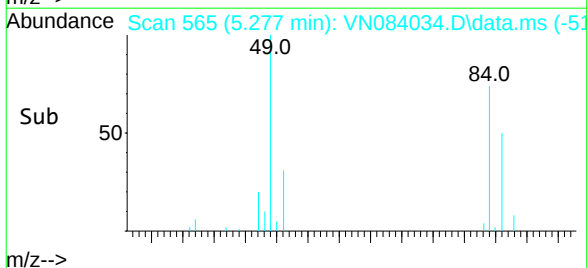
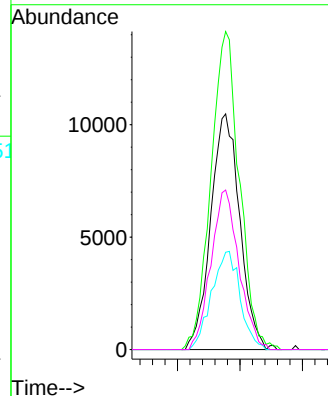
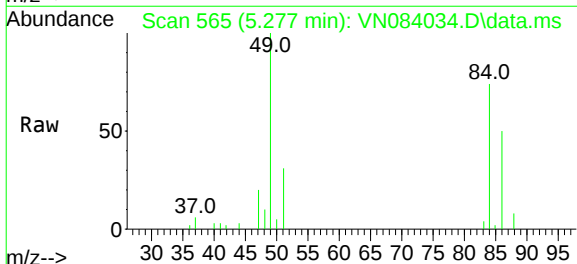
Ion Ratio Lower Upper

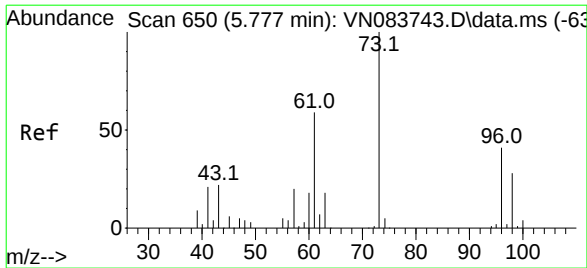
84 100

49 135.0 93.4 140.0

51 41.3 29.2 43.8

86 67.7 46.9 70.3





#21

trans-1,2-Dichloroethene

Concen: 18.276 ug/l

RT: 5.795 min Scan# 65

Delta R.T. 0.018 min

Lab File: VN084034.D

Acq: 19 Sep 2024 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBS01

Tgt Ion: 96 Resp: 30310

Ion Ratio Lower Upper

96 100

61 130.5 106.0 159.0

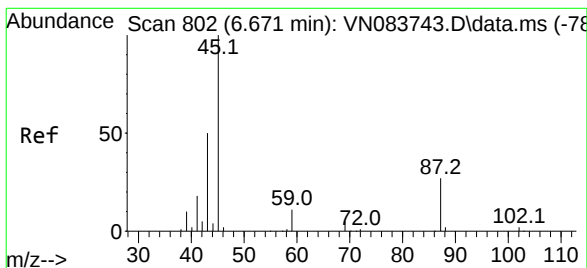
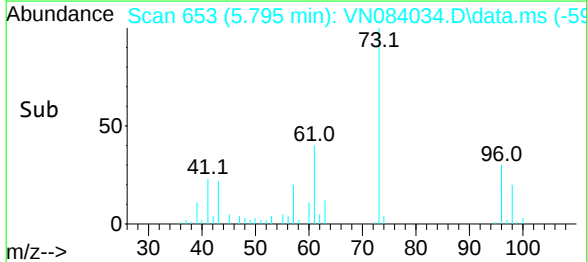
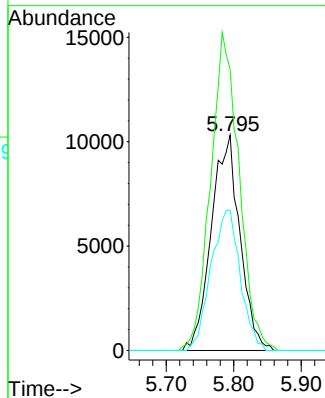
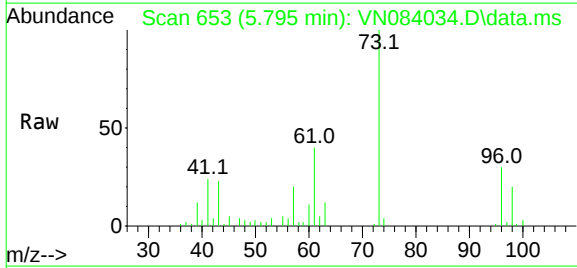
98 65.2 52.2 78.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2024

Supervised By :Mahesh Dadoda 09/20/2024



#22

Diisopropyl ether

Concen: 20.794 ug/l

RT: 6.677 min Scan# 803

Delta R.T. 0.006 min

Lab File: VN084034.D

Acq: 19 Sep 2024 15:06

Tgt Ion: 45 Resp: 118035

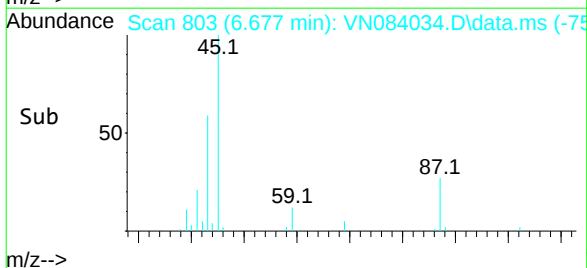
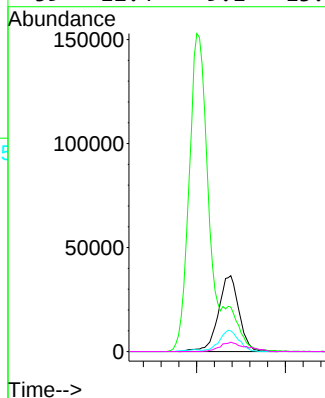
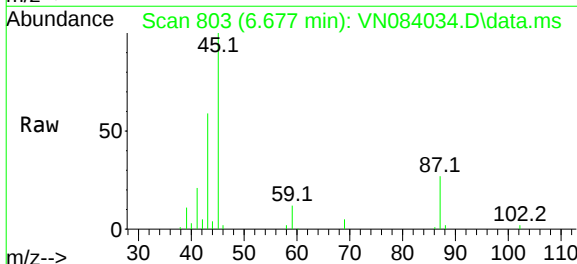
Ion Ratio Lower Upper

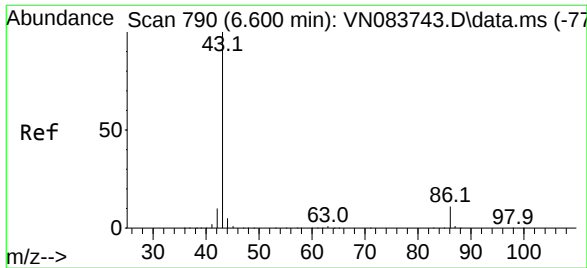
45 100

43 57.8 43.4 65.0

87 27.3 22.6 33.8

59 12.4 9.1 13.7





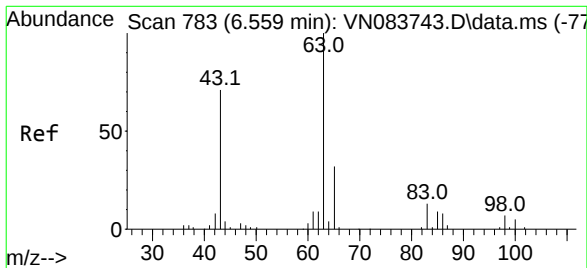
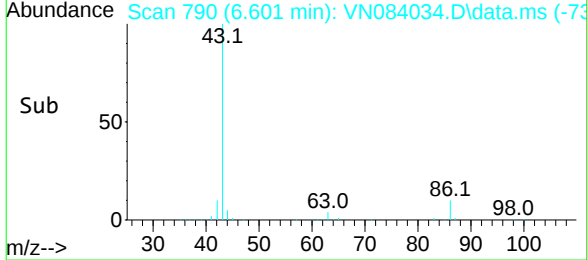
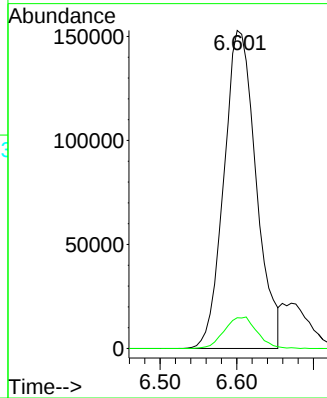
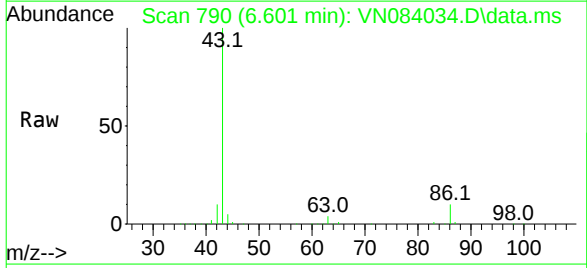
#23
 Vinyl Acetate
 Concen: 107.409 ug/l
 RT: 6.601 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN084034.D
 Acq: 19 Sep 2024 15:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBS01

Tgt Ion: 43 Resp: 446486
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.7 13.1

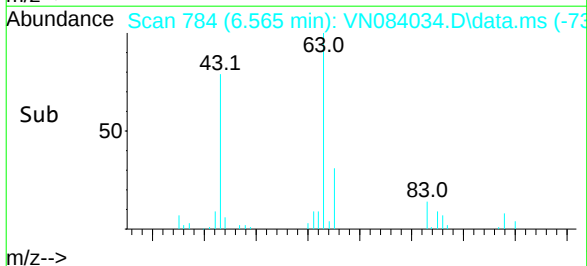
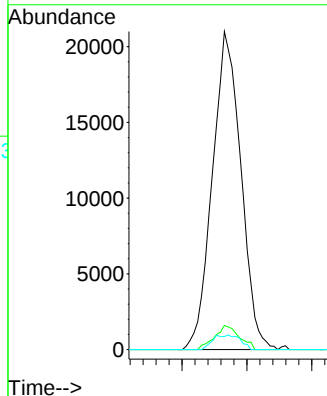
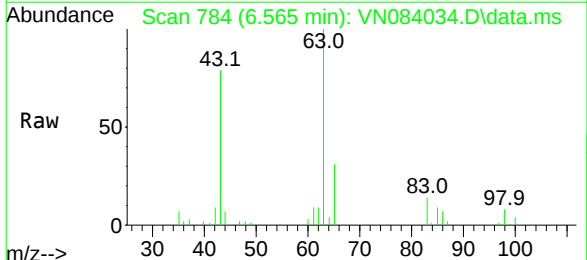
Manual Integrations
 APPROVED

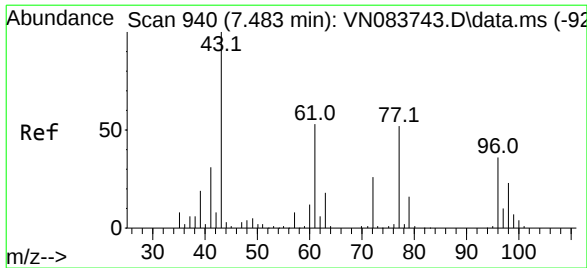
Reviewed By :John Carlone 09/20/2024
 Supervised By :Mahesh Dadoda 09/20/2024



#24
 1,1-Dichloroethane
 Concen: 19.602 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.006 min
 Lab File: VN084034.D
 Acq: 19 Sep 2024 15:06

Tgt Ion: 63 Resp: 64105
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.4
 100 4.1 2.5 7.5





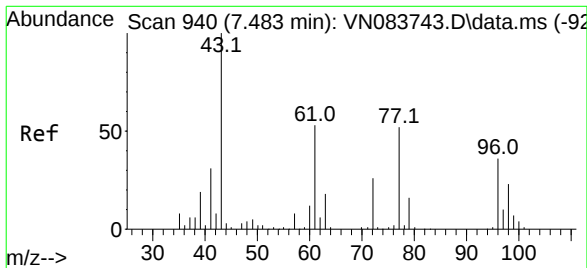
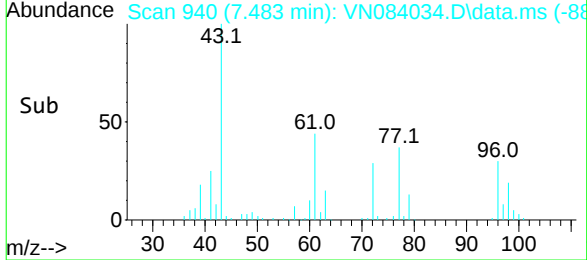
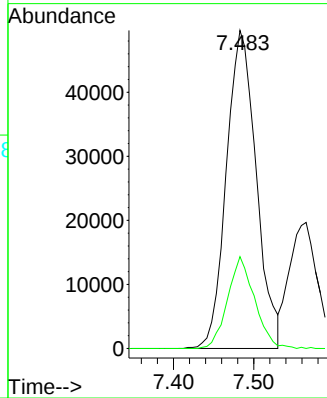
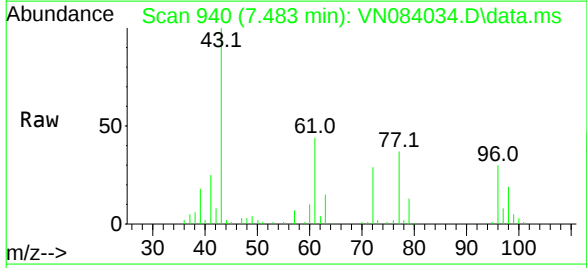
#25
2-Butanone
Concen: 113.094 ug/l
RT: 7.483 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tgt Ion: 43 Resp: 128554
Ion Ratio Lower Upper
43 100
72 28.9 20.8 31.2

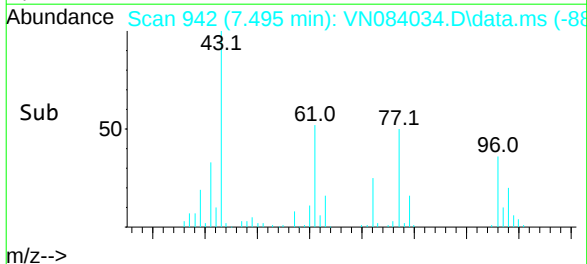
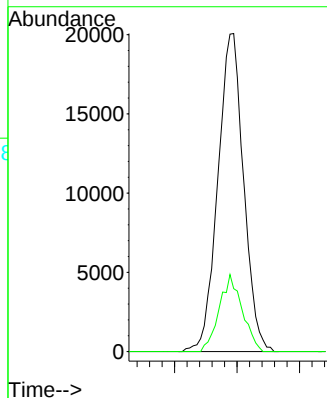
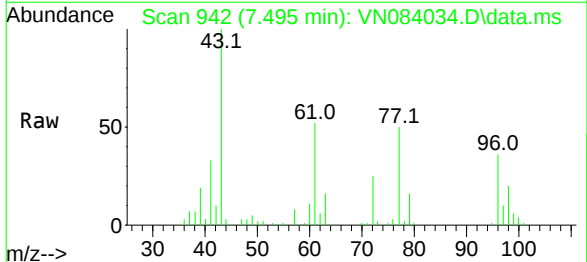
Manual Integrations
APPROVED

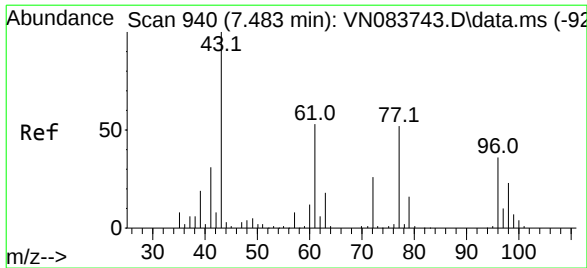
Reviewed By :John Carlone 09/20/2024
Supervised By :Mahesh Dadoda 09/20/2024



#26
2,2-Dichloropropane
Concen: 19.082 ug/l
RT: 7.495 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

Tgt Ion: 77 Resp: 57470
Ion Ratio Lower Upper
77 100
97 21.5 10.2 30.4





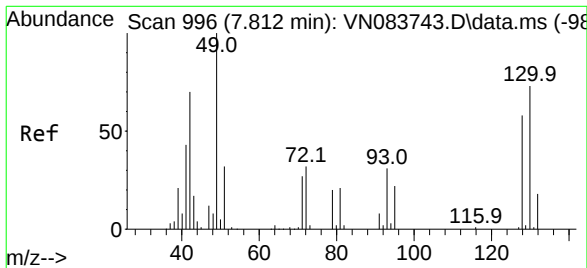
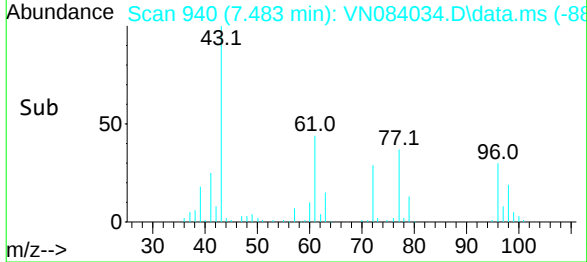
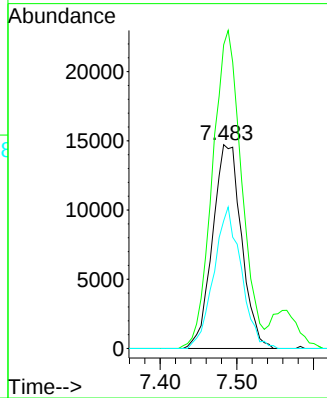
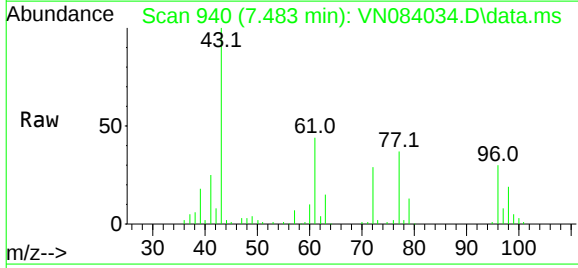
#27
cis-1,2-Dichloroethene
Concen: 19.620 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tgt Ion: 96 Resp: 38626
Ion Ratio Lower Upper
96 100
61 157.1 0.0 306.2
98 65.8 0.0 128.6

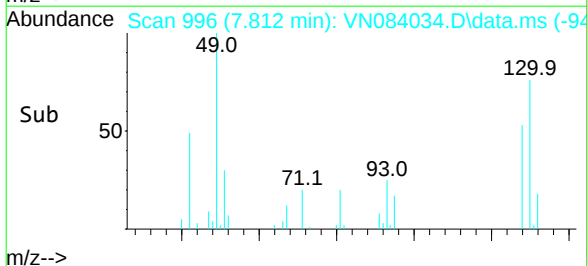
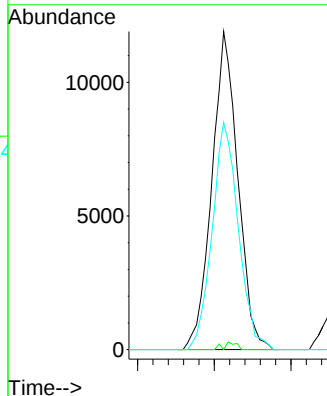
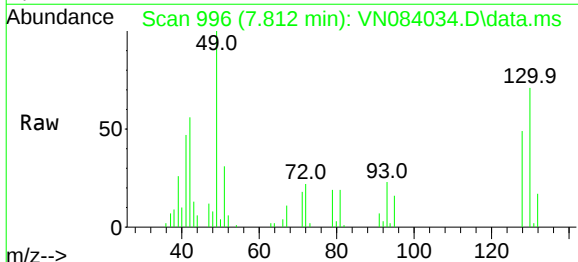
Manual Integrations
APPROVED

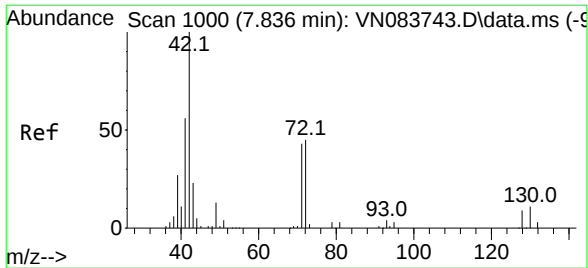
Reviewed By :John Carlone 09/20/2024
Supervised By :Mahesh Dadoda 09/20/2024



#28
Bromochloromethane
Concen: 20.347 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

Tgt Ion: 49 Resp: 28021
Ion Ratio Lower Upper
49 100
129 1.2 0.0 3.4
130 72.0 60.2 90.2





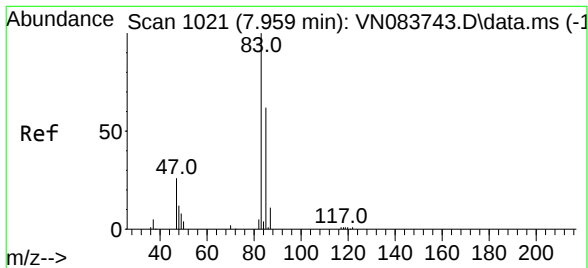
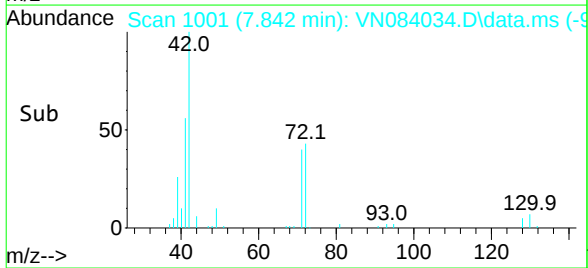
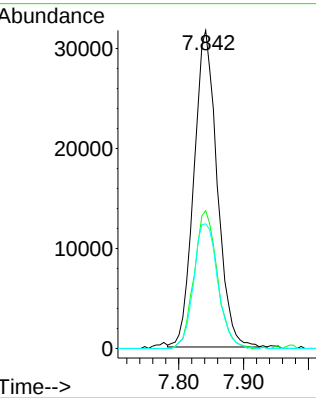
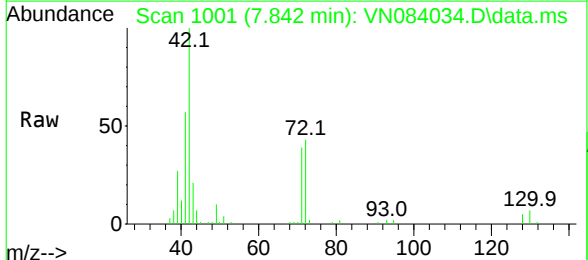
#29
Tetrahydrofuran
Concen: 117.024 ug/l
RT: 7.842 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tgt Ion:	42	Resp:	78654
Ion	Ratio	Lower	Upper
42	100		
72	43.6	35.9	53.9
71	41.3	33.9	50.9

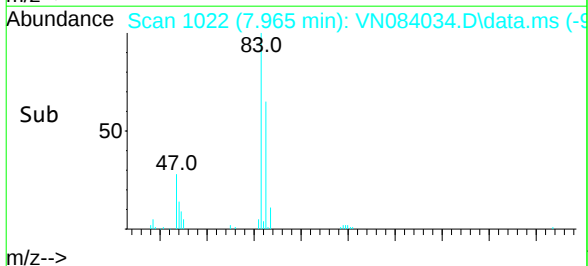
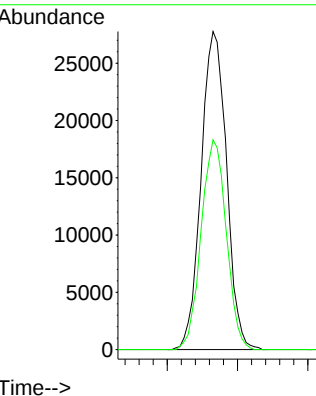
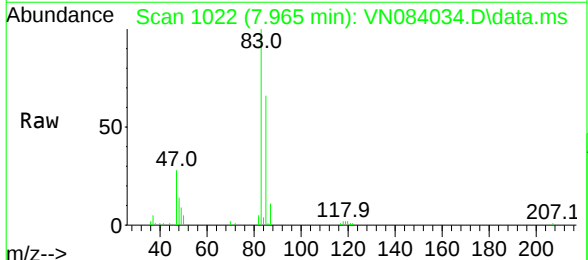
Manual Integrations
APPROVED

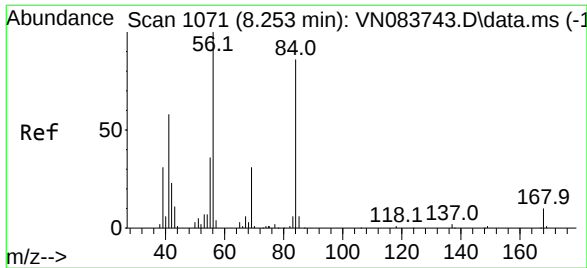
Reviewed By :John Carlone 09/20/2024
Supervised By :Mahesh Dadoda 09/20/2024



#30
Chloroform
Concen: 20.071 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

Tgt Ion:	83	Resp:	69683
Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.8	79.2





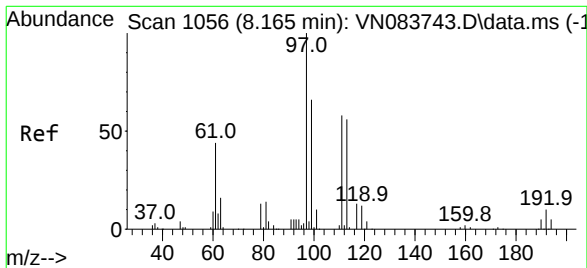
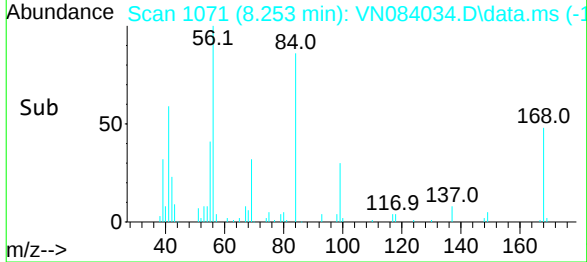
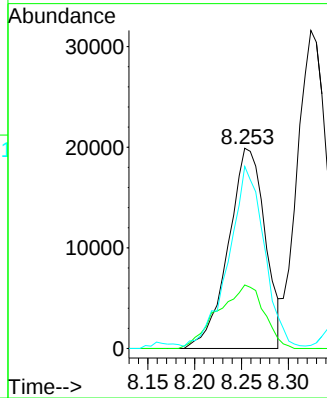
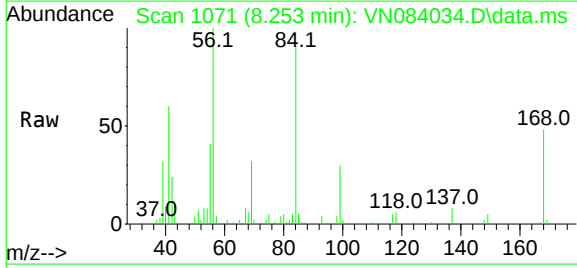
#31
Cyclohexane
Concen: 17.377 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tgt Ion: 56 Resp: 54182
Ion Ratio Lower Upper
56 100
69 31.7 26.9 40.3
84 89.0 69.2 103.8

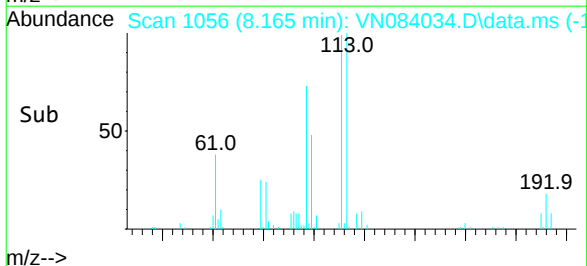
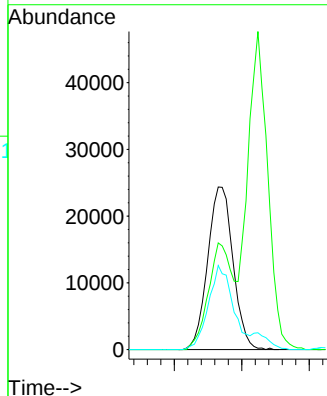
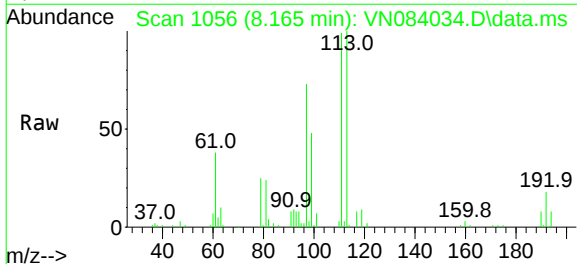
Manual Integrations
APPROVED

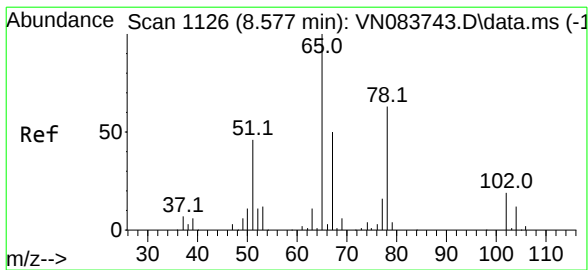
Reviewed By :John Carlone 09/20/2024
Supervised By :Mahesh Dadoda 09/20/2024



#32
1,1,1-Trichloroethane
Concen: 19.912 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

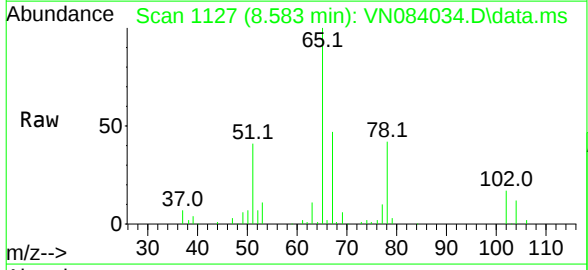
Tgt Ion: 97 Resp: 63565
Ion Ratio Lower Upper
97 100
99 65.4 52.3 78.5
61 50.5 38.2 57.2





#33
 1,2-Dichloroethane-d4
 Concen: 51.381 ug/l
 RT: 8.583 min Scan# 1117
 Delta R.T. 0.006 min
 Lab File: VN084034.D
 Acq: 19 Sep 2024 15:06

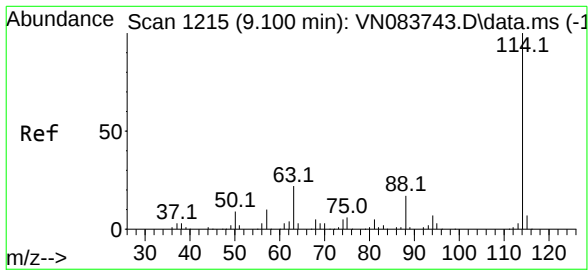
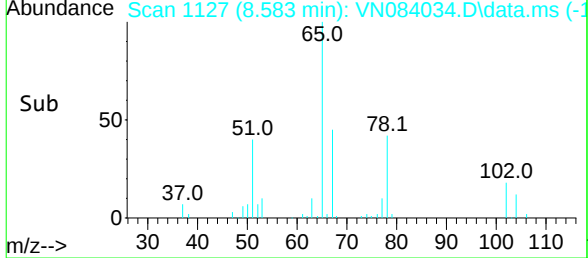
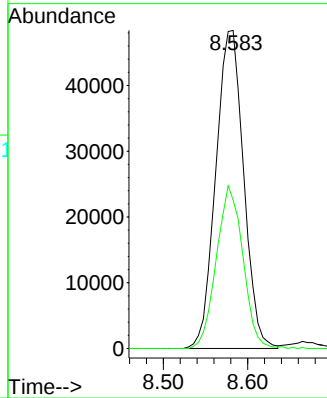
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBS01



Tgt Ion: 65 Resp: 110849
 Ion Ratio Lower Upper
 65 100
 67 48.8 0.0 100.8

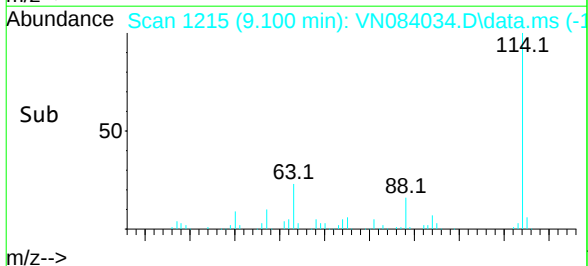
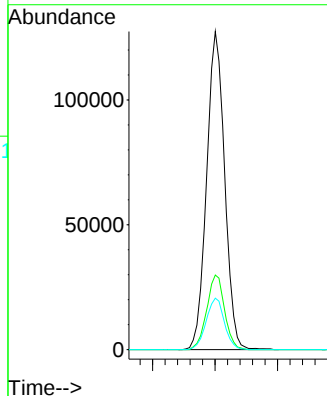
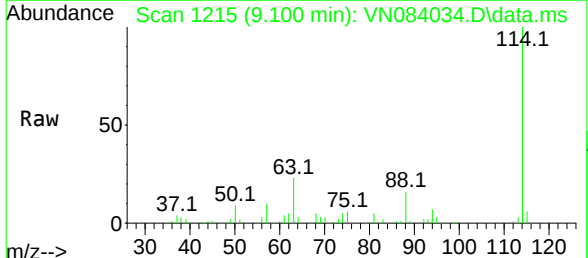
Manual Integrations
APPROVED

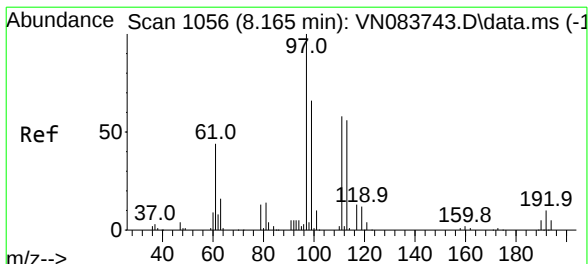
Reviewed By :John Carlone 09/20/2024
 Supervised By :Mahesh Dadoda 09/20/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084034.D
 Acq: 19 Sep 2024 15:06

Tgt Ion:114 Resp: 255123
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 43.4
 88 16.2 0.0 32.6





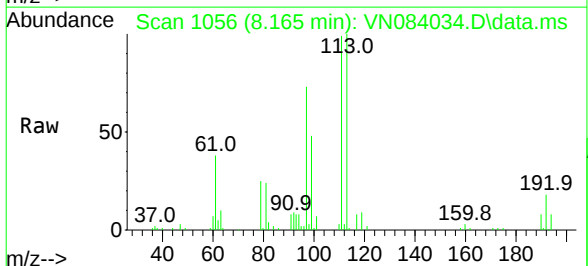
#35
 Dibromofluoromethane
 Concen: 48.550 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN084034.D
 Acq: 19 Sep 2024 15:06

Instrument :

MSVOA_N

ClientSampleId :

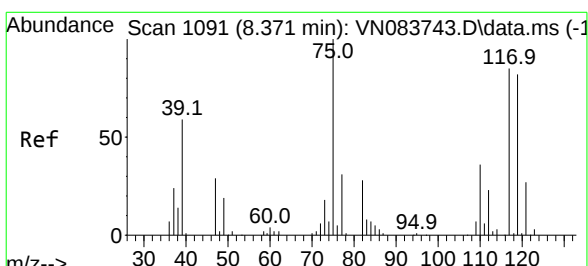
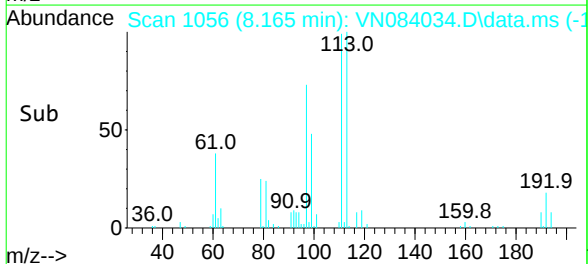
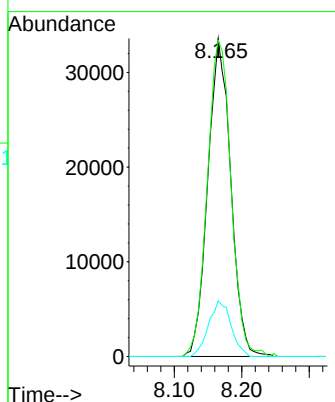
VN0919WBS01



Tgt Ion:	113	Resp:	79295
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	124.0
192	17.1	14.3	21.5

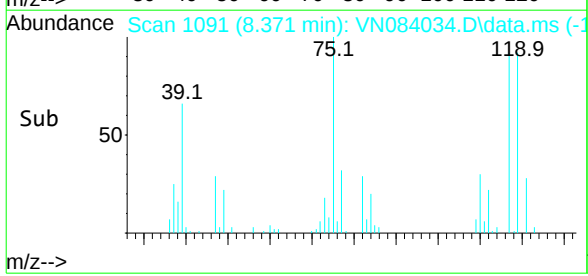
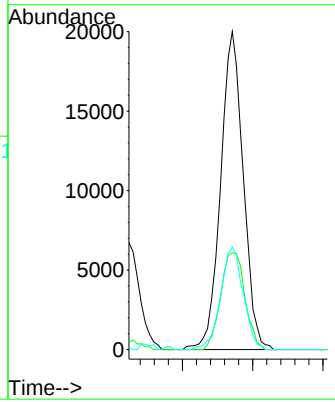
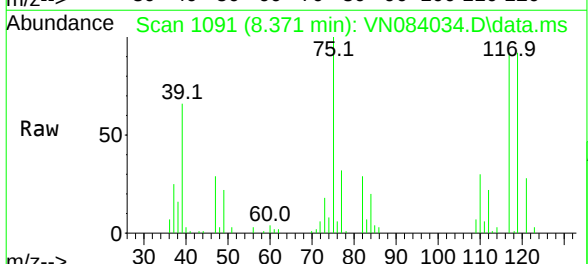
Manual Integrations
 APPROVED

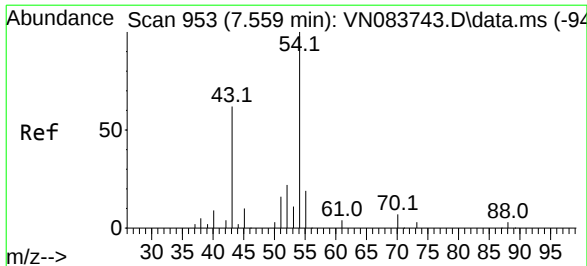
Reviewed By :John Carlone 09/20/2024
 Supervised By :Mahesh Dadoda 09/20/2024



#36
 1,1-Dichloropropene
 Concen: 18.192 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: VN084034.D
 Acq: 19 Sep 2024 15:06

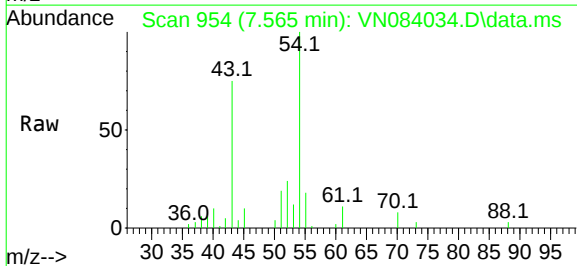
Tgt Ion:	75	Resp:	44722
Ion	Ratio	Lower	Upper
75	100		
110	32.7	16.7	50.1
77	32.2	25.2	37.8





#37
Ethyl Acetate
Concen: 22.273 ug/l
RT: 7.565 min Scan# 953
Delta R.T. 0.006 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

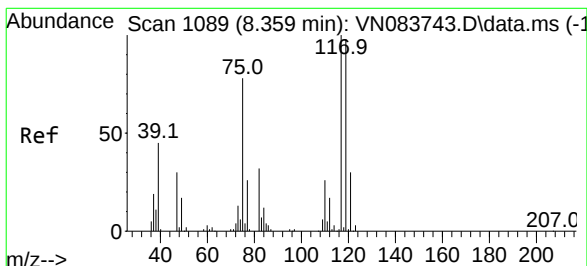
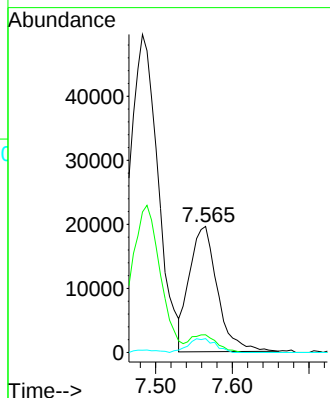
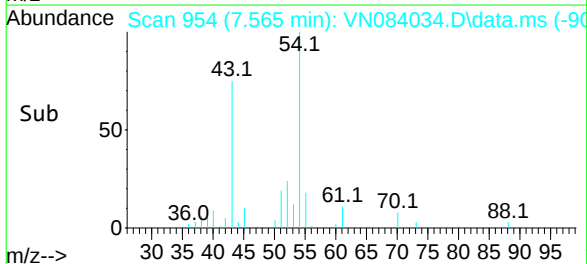
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01



Tgt Ion: 43 Resp: 49701
Ion Ratio Lower Upper
43 100
61 13.6 11.1 16.7
70 10.7 8.8 13.2

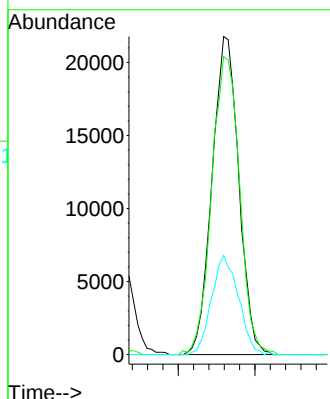
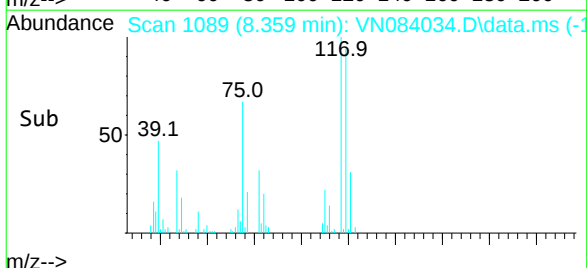
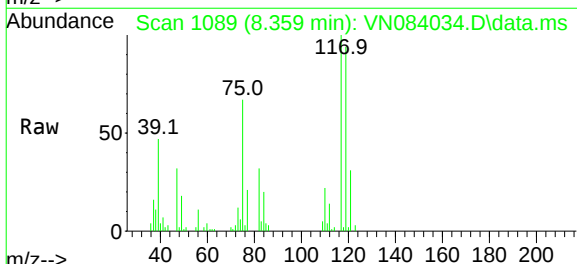
Manual Integrations
APPROVED

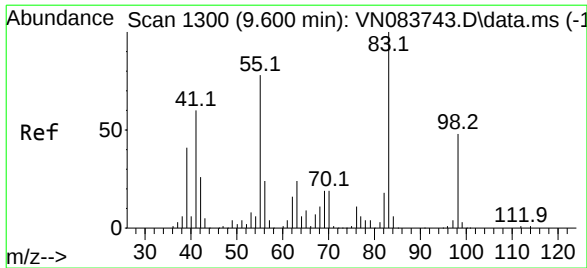
Reviewed By :John Carlone 09/20/2024
Supervised By :Mahesh Dadoda 09/20/2024



#38
Carbon Tetrachloride
Concen: 18.843 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

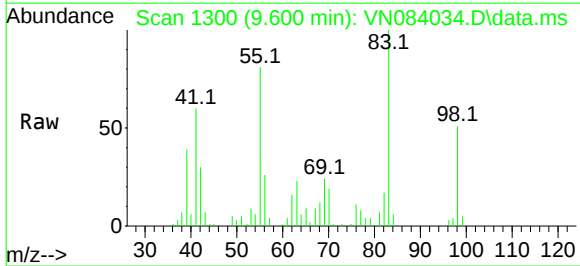
Tgt Ion:117 Resp: 52552
Ion Ratio Lower Upper
117 100
119 93.7 76.1 114.1
121 31.1 24.1 36.1





#39
Methylcyclohexane
Concen: 17.151 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

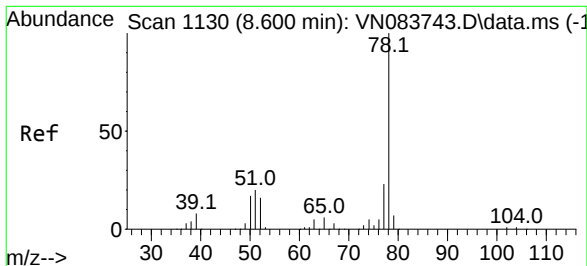
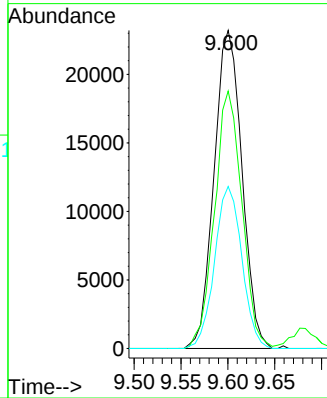
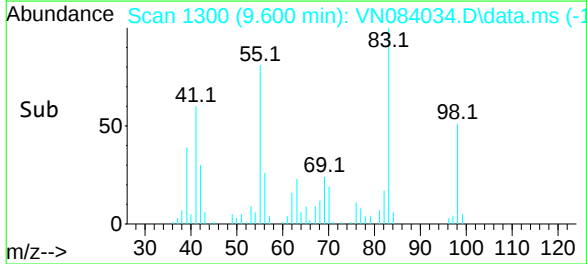
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01



Tgt Ion: 83 Resp: 47991
Ion Ratio Lower Upper
83 100
55 80.9 62.2 93.4
98 50.9 37.6 56.4

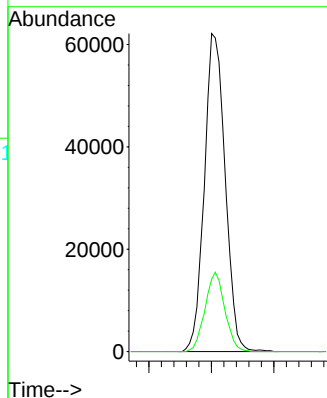
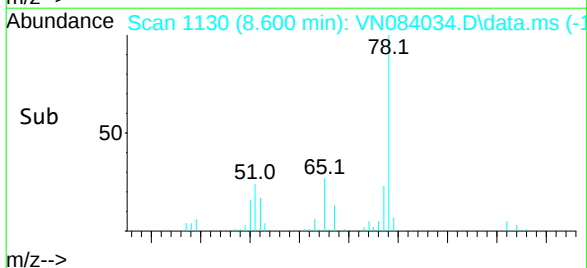
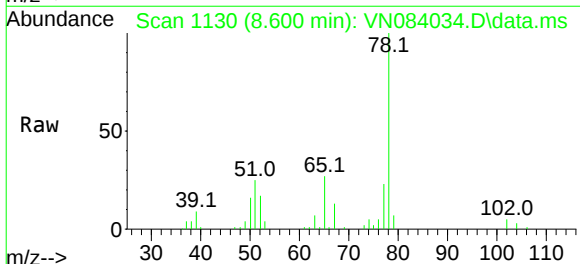
Manual Integrations
APPROVED

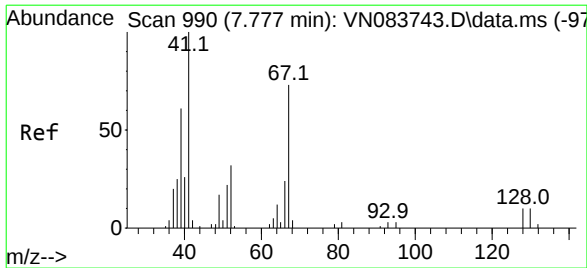
Reviewed By :John Carlone 09/20/2024
Supervised By :Mahesh Dadoda 09/20/2024



#40
Benzene
Concen: 19.405 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

Tgt Ion: 78 Resp: 143584
Ion Ratio Lower Upper
78 100
77 22.8 19.0 28.6





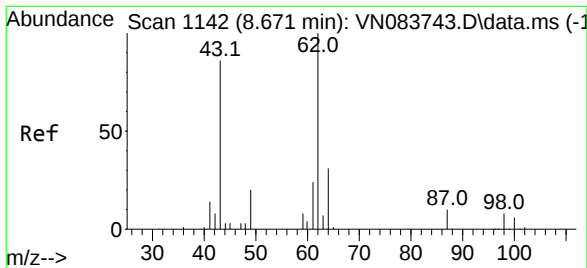
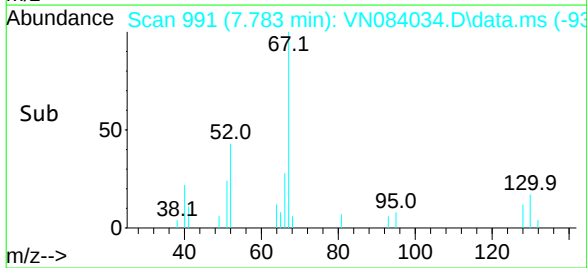
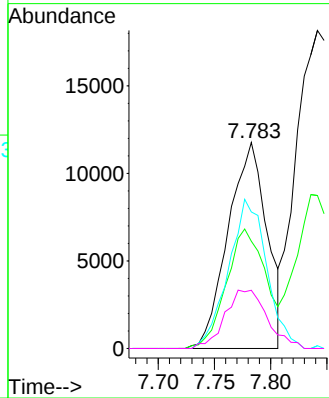
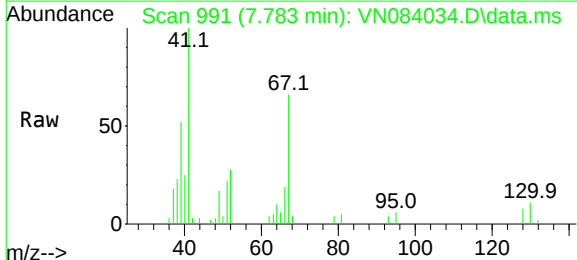
#41
Methacrylonitrile
Concen: 21.415 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tgt Ion:	41	Resp:	28263
Ion	Ratio	Lower	Upper
41	100		
39	58.9	45.4	68.2
67	71.2	55.9	83.9
52	30.8	24.1	36.1

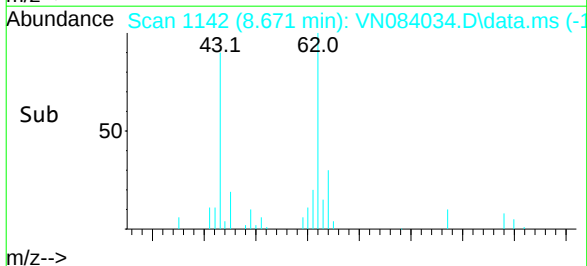
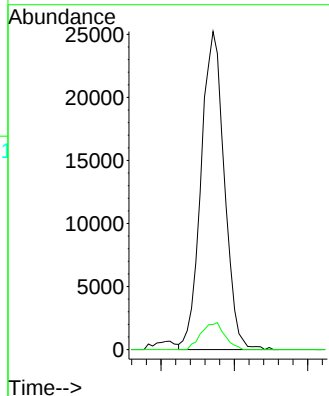
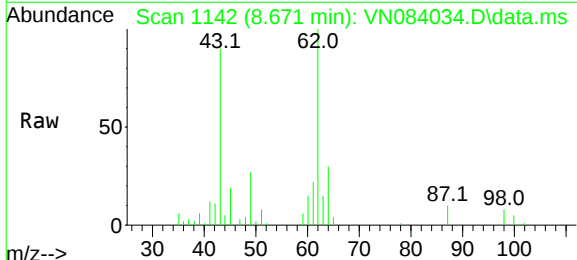
Manual Integrations
APPROVED

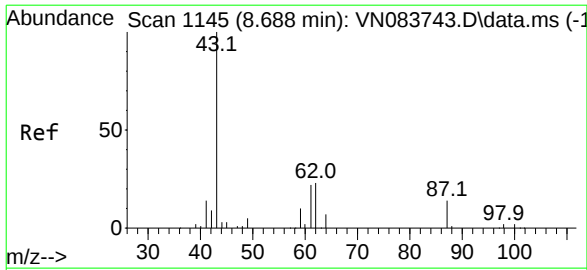
Reviewed By :John Carlone 09/20/2024
Supervised By :Mahesh Dadoda 09/20/2024



#42
1,2-Dichloroethane
Concen: 20.151 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

Tgt Ion:	62	Resp:	55715
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.6





#43

Isopropyl Acetate

Concen: 30.119 ug/l

RT: 8.689 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084034.D

Acq: 19 Sep 2024 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBS01

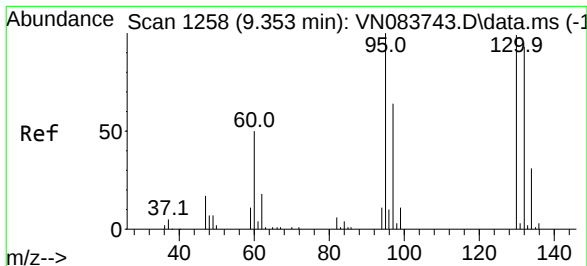
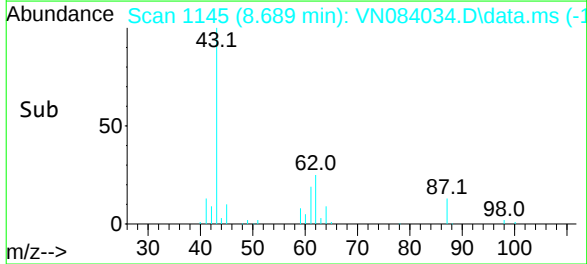
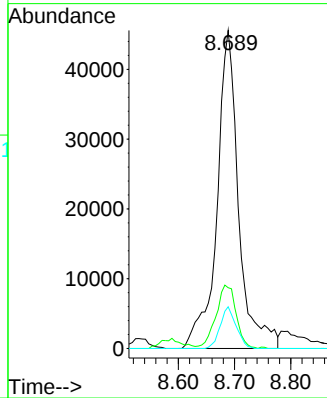
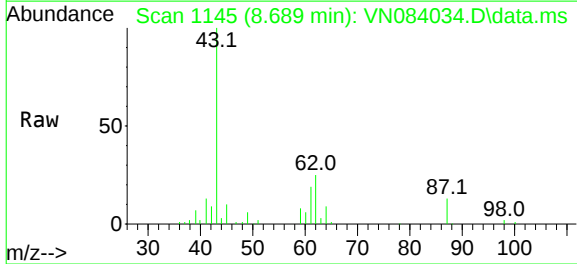
Tgt Ion:	43	Resp:	121788
Ion	Ratio	Lower	Upper
43	100		
61	18.6	19.4	29.0
87	9.7	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2024

Supervised By :Mahesh Dadoda 09/20/2024



#44

Trichloroethene

Concen: 19.091 ug/l

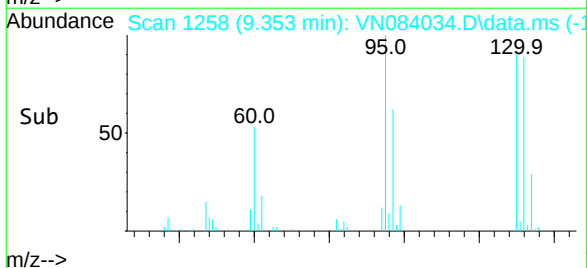
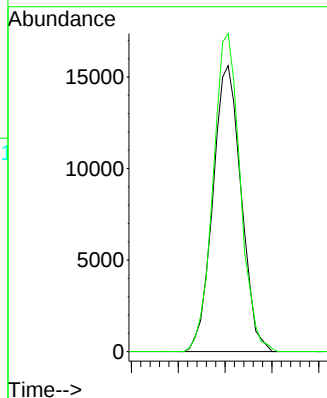
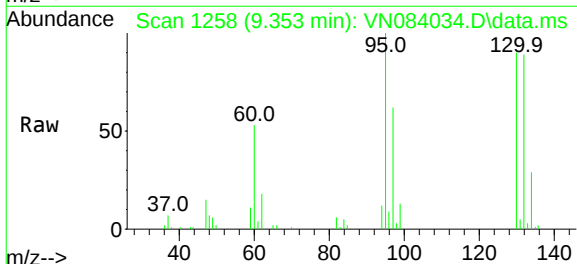
RT: 9.353 min Scan# 1258

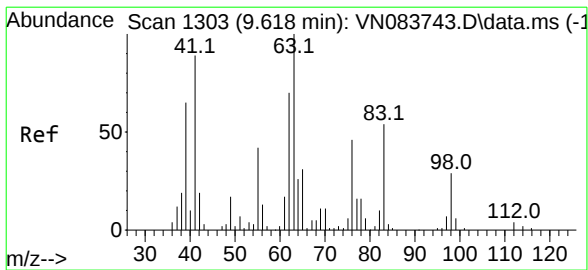
Delta R.T. 0.000 min

Lab File: VN084034.D

Acq: 19 Sep 2024 15:06

Tgt Ion:	130	Resp:	32712
Ion	Ratio	Lower	Upper
130	100		
95	111.2	0.0	200.4





#45

1,2-Dichloropropane

Concen: 20.630 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN084034.D

Acq: 19 Sep 2024 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBS01

Tgt Ion: 63 Resp: 36893

Ion Ratio Lower Upper

63 100

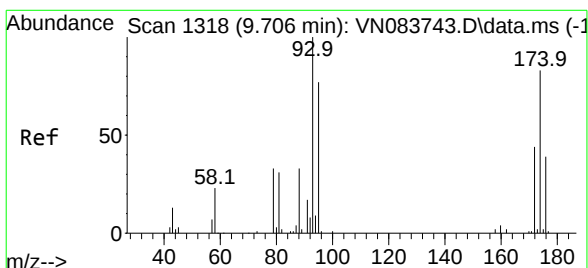
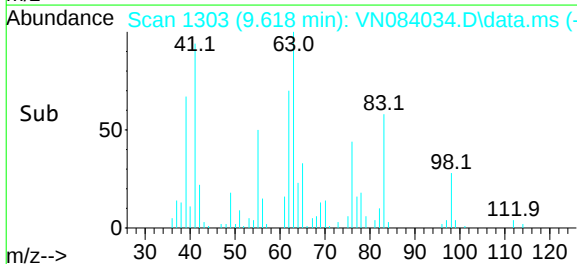
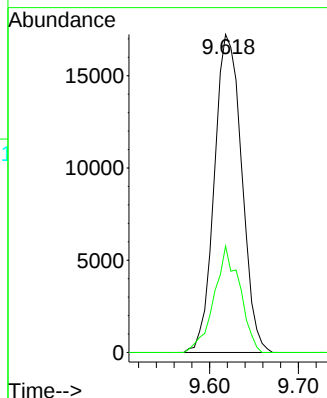
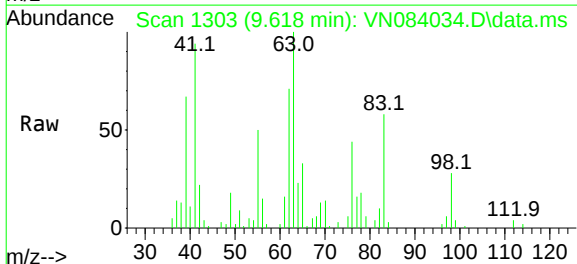
65 33.5 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2024

Supervised By :Mahesh Dadoda 09/20/2024



#46

Dibromomethane

Concen: 21.109 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN084034.D

Acq: 19 Sep 2024 15:06

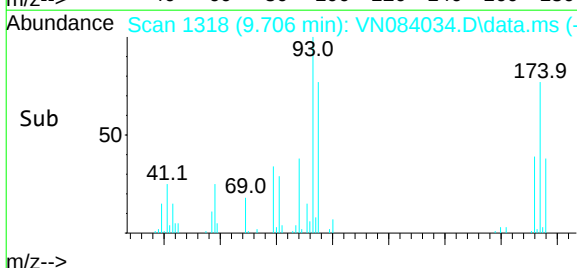
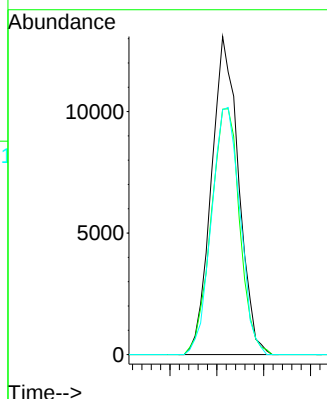
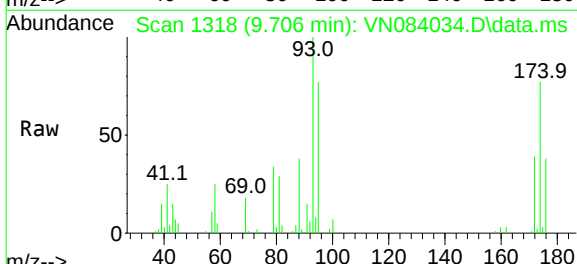
Tgt Ion: 93 Resp: 26442

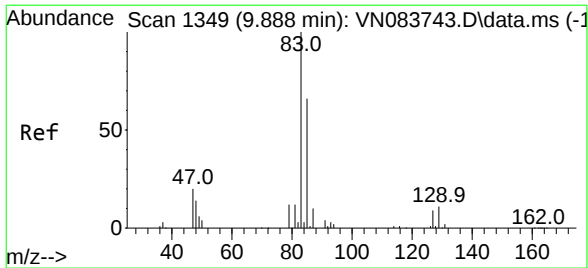
Ion Ratio Lower Upper

93 100

95 81.2 65.3 97.9

174 81.3 71.0 106.4





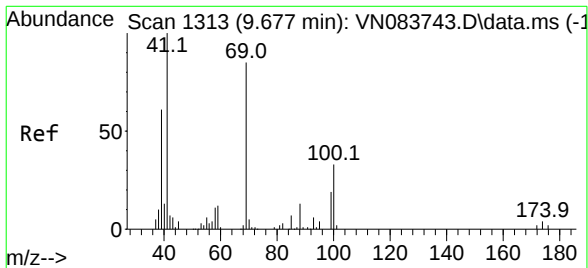
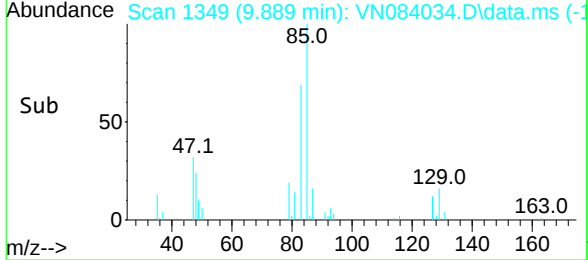
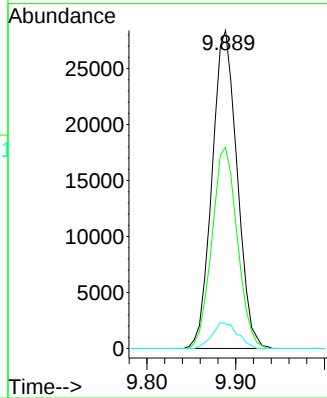
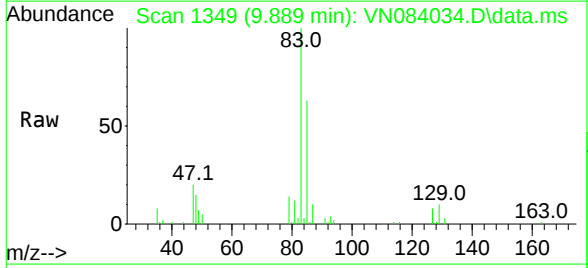
#47
Bromodichloromethane
Concen: 20.513 ug/l
RT: 9.889 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.8	77.8
127	7.7	6.6	9.8

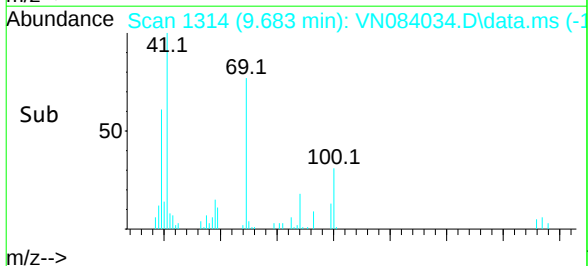
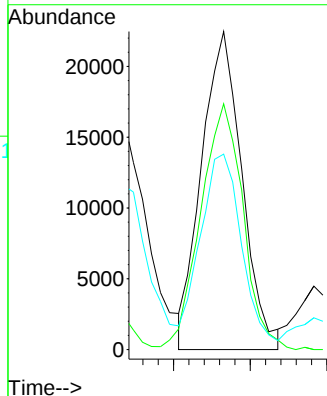
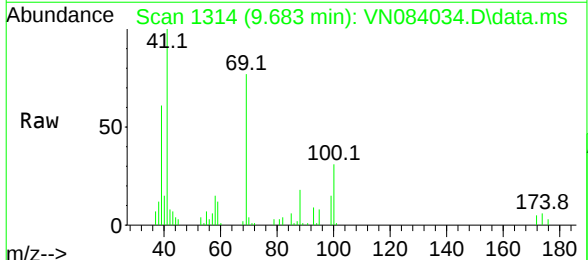
Manual Integrations
APPROVED

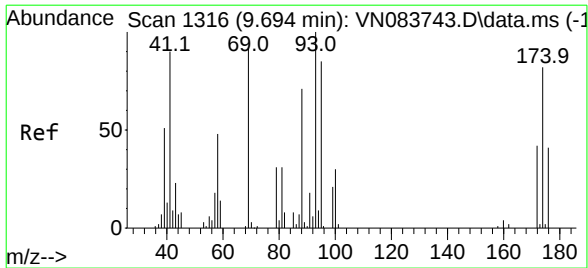
Reviewed By :John Carlone 09/20/2024
Supervised By :Mahesh Dadoda 09/20/2024



#48
Methyl methacrylate
Concen: 21.444 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

Tgt Ion	Ratio	Lower	Upper
41	100		
69	81.0	64.3	96.5
39	63.4	48.9	73.3





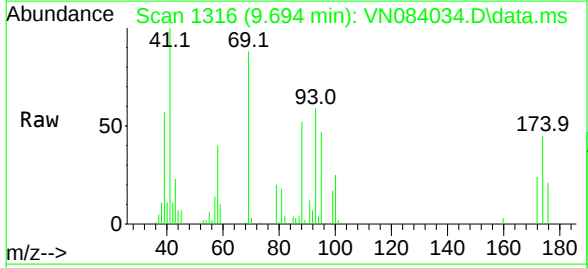
#49
1,4-Dioxane
Concen: 432.388 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBS01

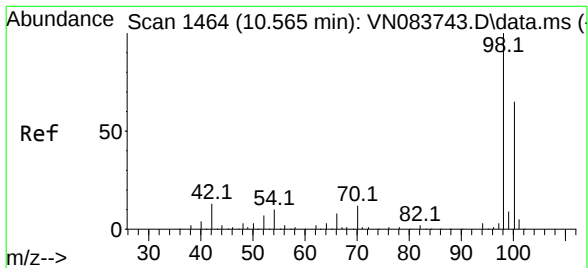
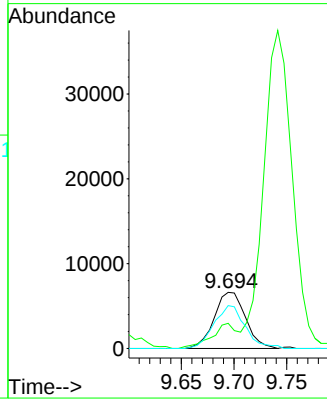
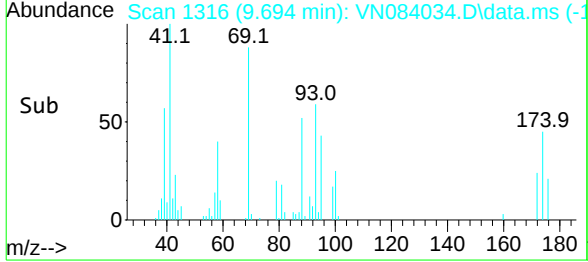


Tgt Ion: 88 Resp: 13646
Ion Ratio Lower Upper
88 100
43 37.8 0.0 0.0#
58 76.7 57.1 85.7

Manual Integrations

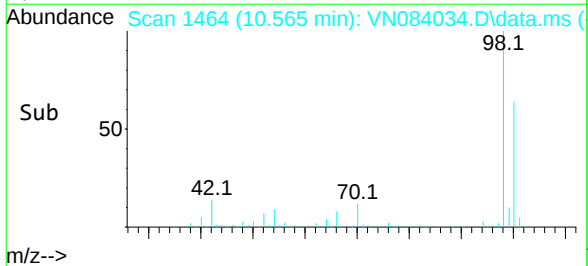
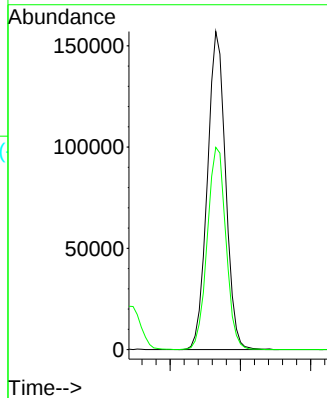
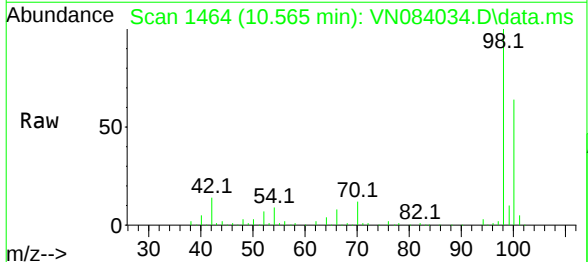
APPROVED

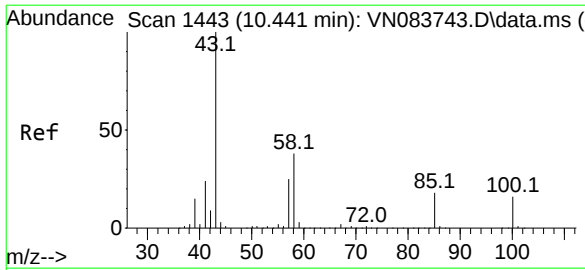
Reviewed By :John Carlone 09/20/2024
Supervised By :Mahesh Dadoda 09/20/2024



#50
Toluene-d8
Concen: 50.062 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

Tgt Ion: 98 Resp: 282666
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0





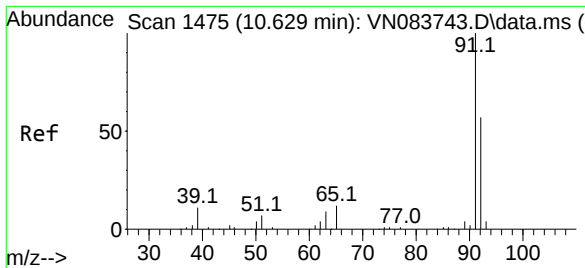
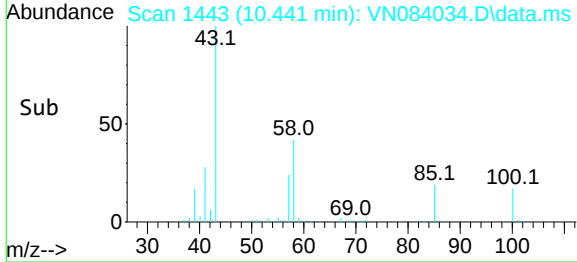
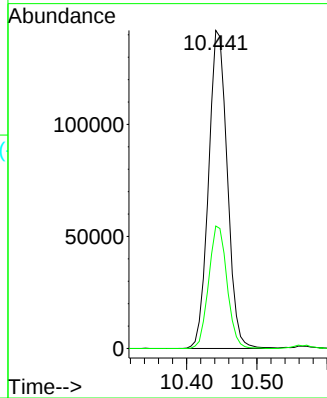
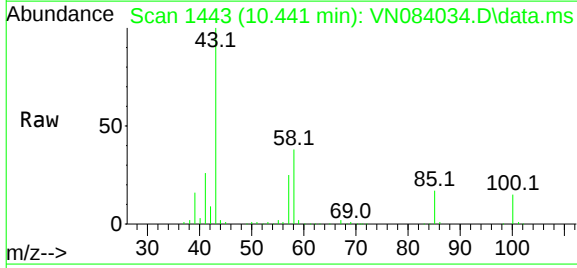
#51
4-Methyl-2-Pentanone
Concen: 119.394 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tgt Ion: 43 Resp: 262802
Ion Ratio Lower Upper
43 100
58 37.8 31.6 47.4

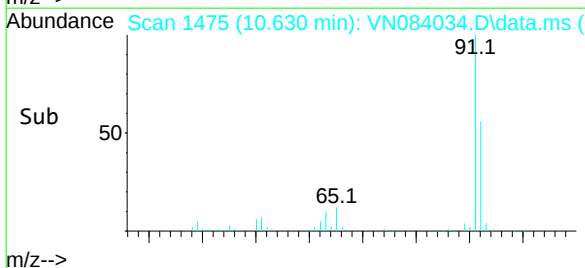
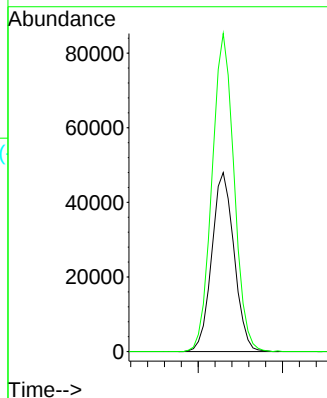
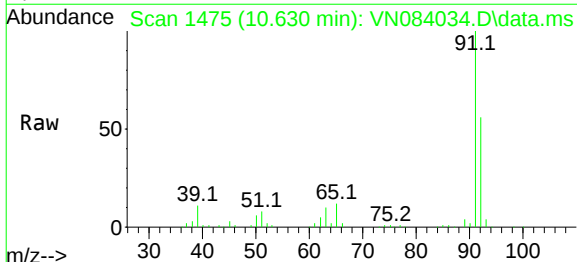
Manual Integrations
APPROVED

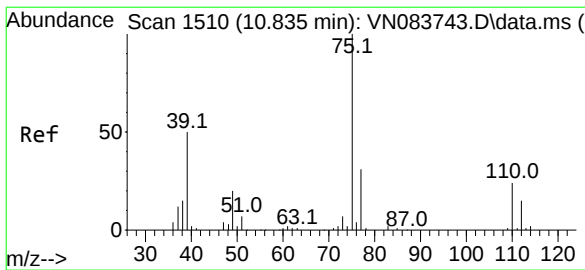
Reviewed By :John Carlone 09/20/2024
Supervised By :Mahesh Dadoda 09/20/2024



#52
Toluene
Concen: 19.472 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

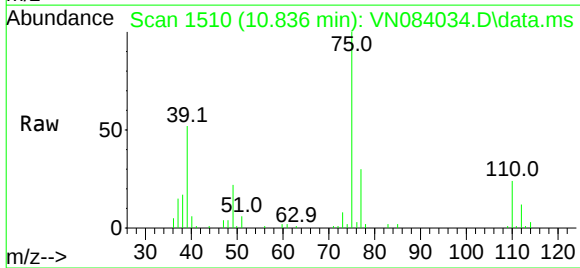
Tgt Ion: 92 Resp: 88128
Ion Ratio Lower Upper
92 100
91 175.7 134.7 202.1





#53
 t-1,3-Dichloropropene
 Concen: 19.862 ug/l
 RT: 10.836 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN084034.D
 Acq: 19 Sep 2024 15:06

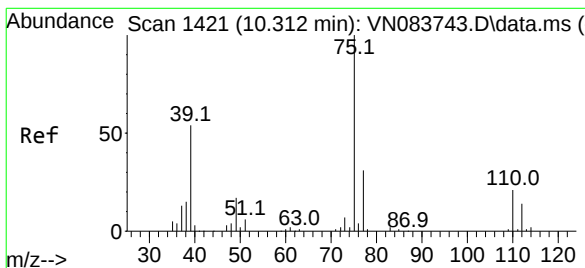
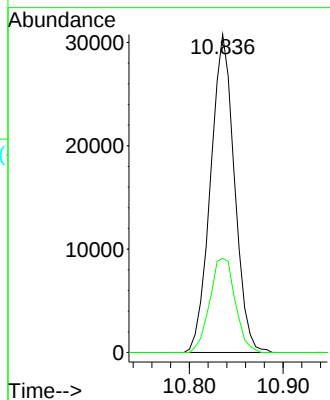
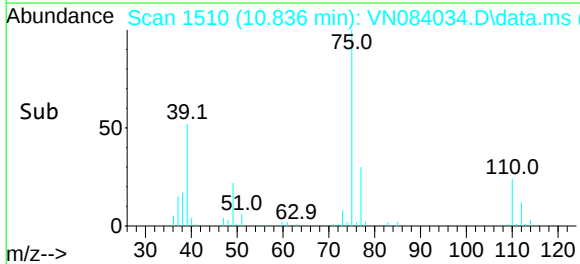
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBS01



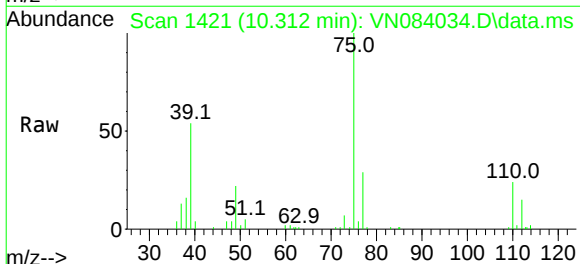
Tgt Ion: 75 Resp: 54577
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.8 38.6

Manual Integrations
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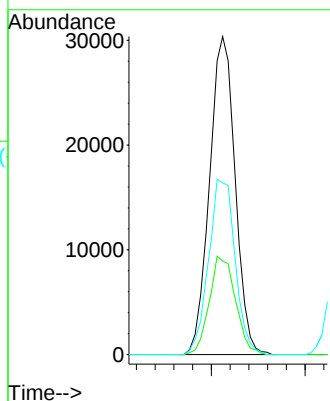
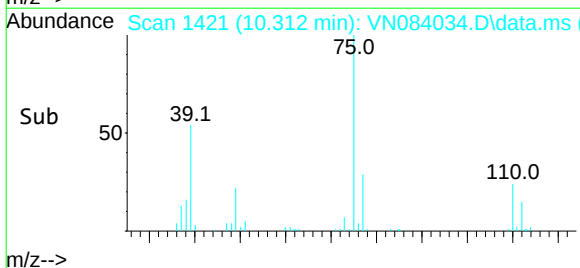
Reviewed By :John Carlone 09/20/2024
 Supervised By :Mahesh Dadoda 09/20/2024

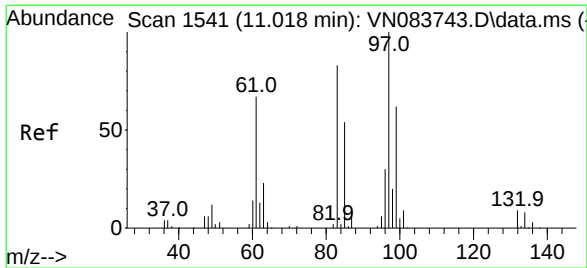


#54
 cis-1,3-Dichloropropene
 Concen: 19.954 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN084034.D
 Acq: 19 Sep 2024 15:06



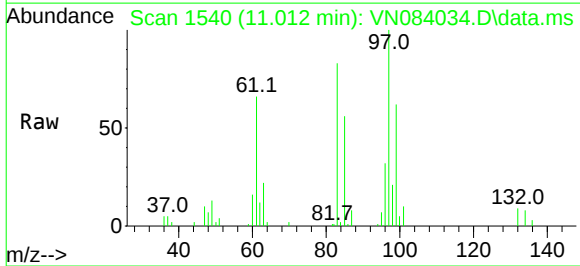
Tgt Ion: 75 Resp: 57595
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.0 37.6
 39 54.0 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 20.293 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

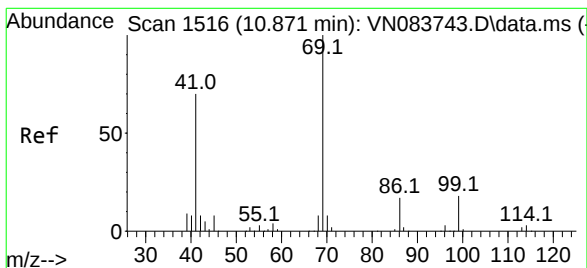
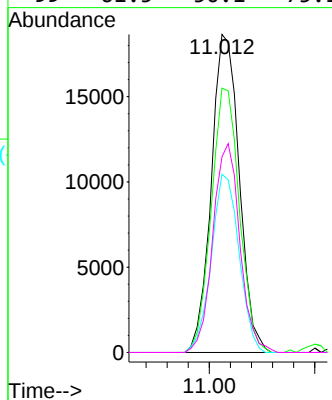
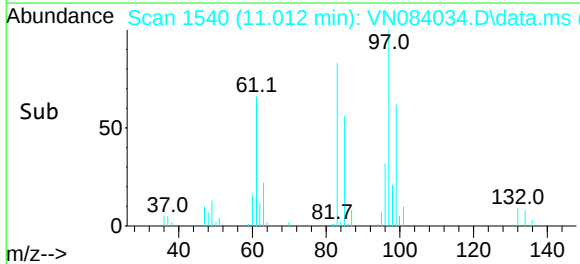
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01



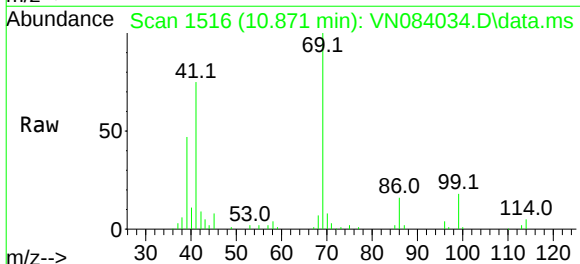
Tgt Ion:	97	Resp:	34288
Ion	Ratio	Lower	Upper
97	100		
83	83.1	67.5	101.3
85	56.0	44.2	66.2
99	61.5	50.1	75.1

Manual Integrations
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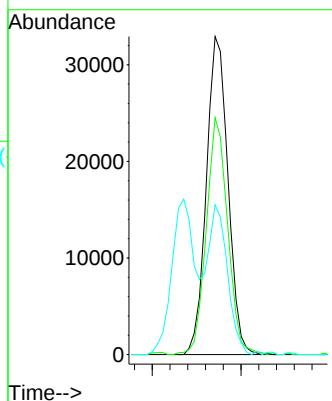
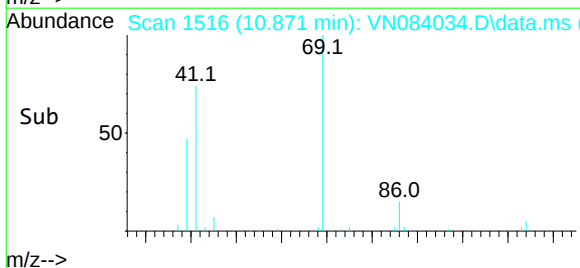
Reviewed By :John Carlone 09/20/2024
Supervised By :Mahesh Dadoda 09/20/2024

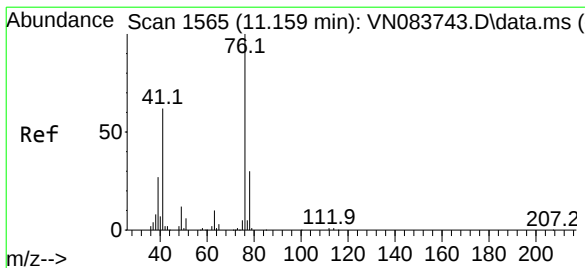


#56
Ethyl methacrylate
Concen: 21.461 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06



Tgt Ion:	69	Resp:	55789
Ion	Ratio	Lower	Upper
69	100		
41	73.6	53.9	80.9
39	44.3	32.6	48.8





#57

1,3-Dichloropropane

Concen: 20.267 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN084034.D

Acq: 19 Sep 2024 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBS01

Tgt Ion: 76 Resp: 58855

Ion Ratio Lower Upper

76 100

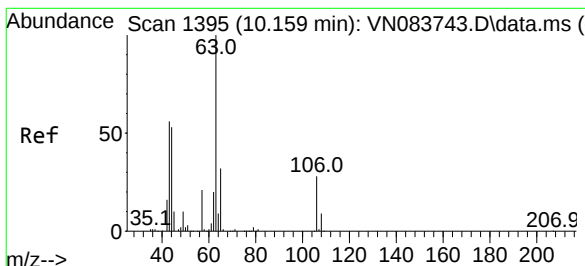
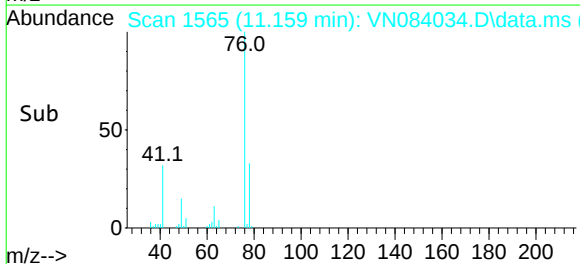
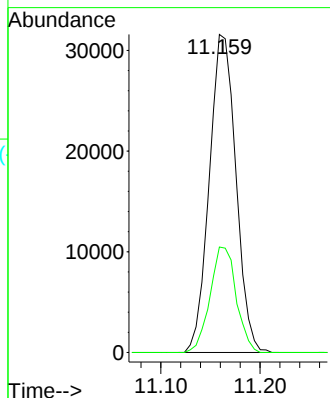
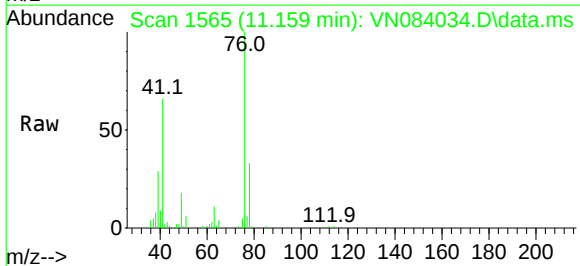
78 32.6 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2024

Supervised By :Mahesh Dadoda 09/20/2024



#58

2-Chloroethyl Vinyl ether

Concen: 114.572 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN084034.D

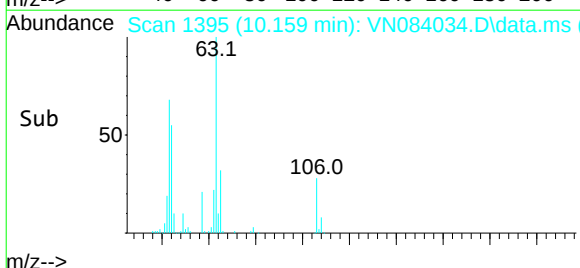
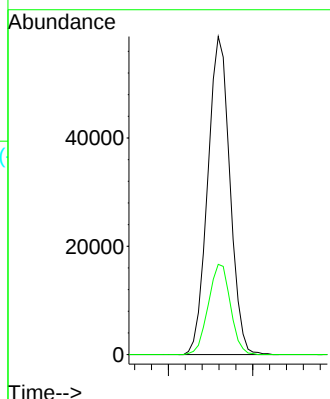
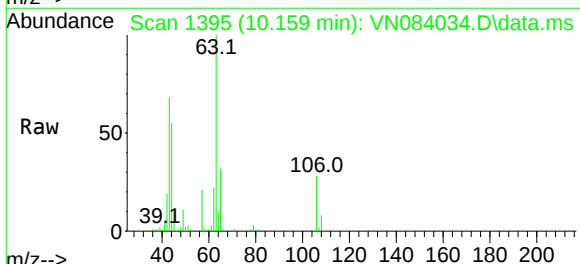
Acq: 19 Sep 2024 15:06

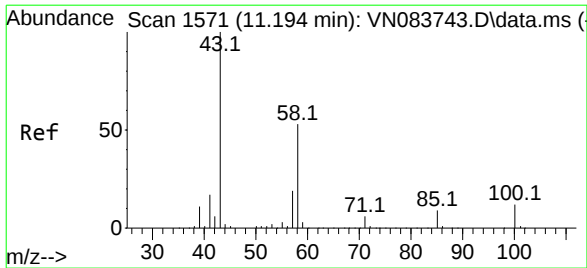
Tgt Ion: 63 Resp: 107318

Ion Ratio Lower Upper

63 100

106 28.2 23.3 34.9





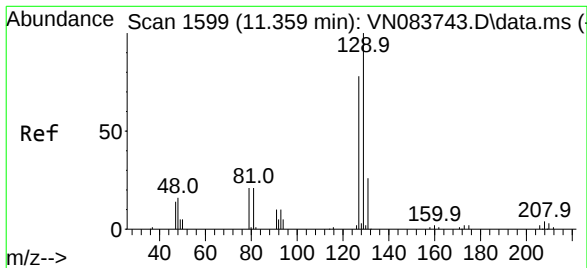
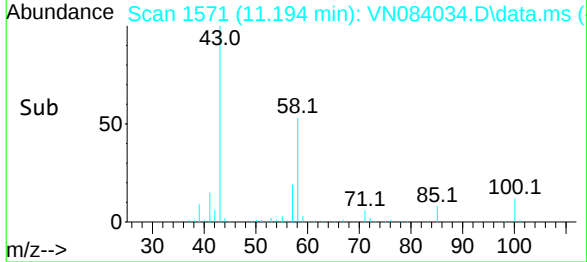
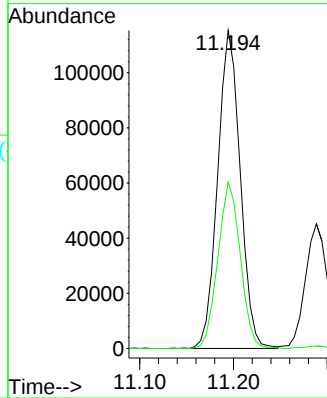
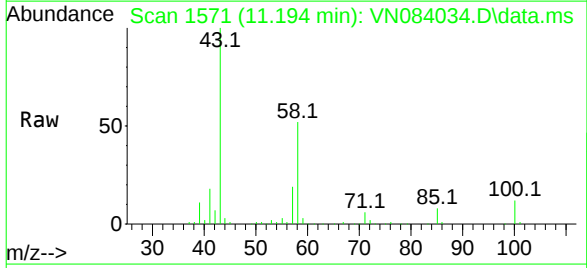
#59
2-Hexanone
Concen: 118.331 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tgt Ion: 43 Resp: 192671
Ion Ratio Lower Upper
43 100
58 52.0 27.2 81.5

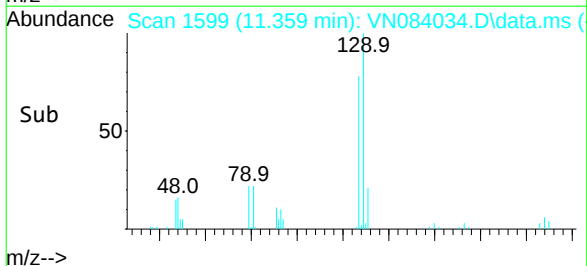
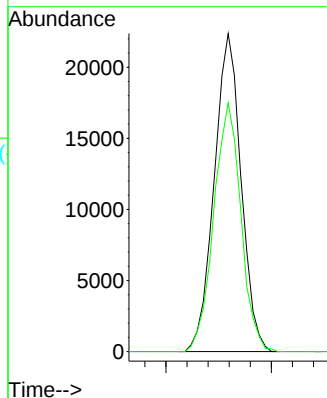
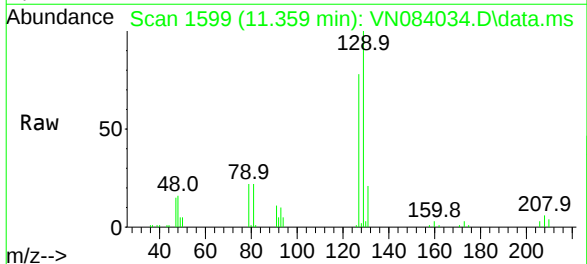
Manual Integrations
APPROVED

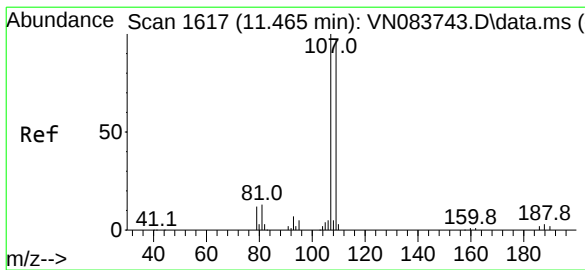
Reviewed By :John Carlone 09/20/2024
Supervised By :Mahesh Dadoda 09/20/2024



#60
Dibromochloromethane
Concen: 20.946 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

Tgt Ion:129 Resp: 39607
Ion Ratio Lower Upper
129 100
127 79.0 39.0 116.9





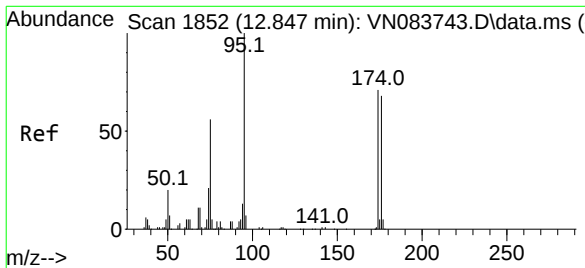
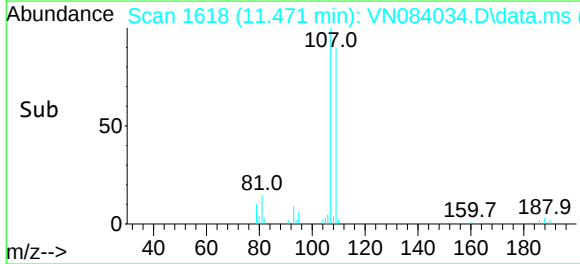
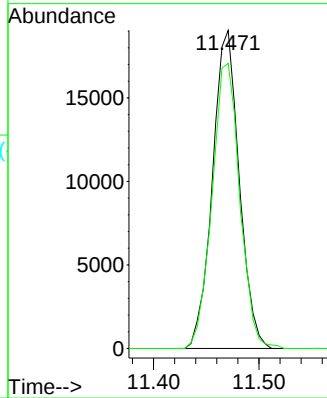
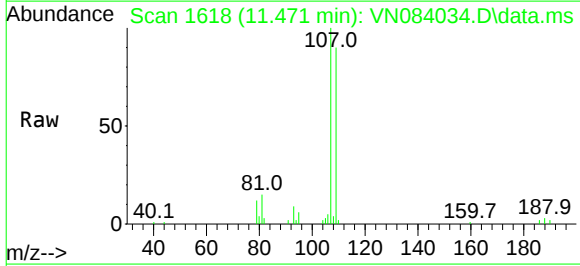
#61
1,2-Dibromoethane
Concen: 19.905 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tgt Ion: 107 Resp: 33542
Ion Ratio Lower Upper
107 100
109 92.9 75.6 113.4

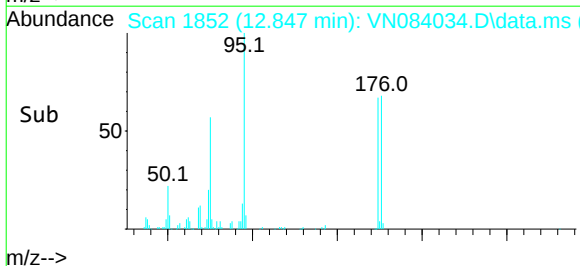
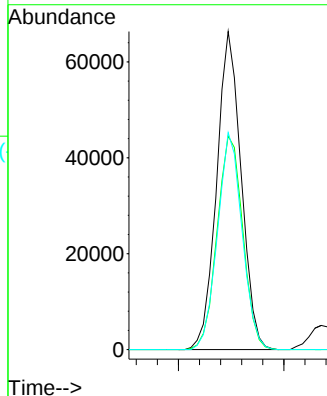
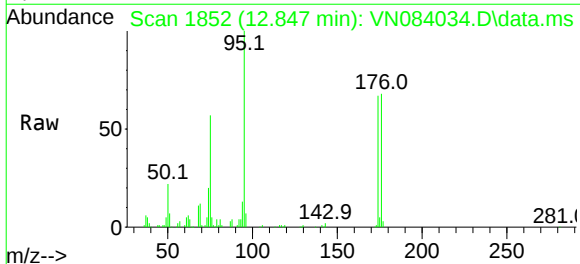
Manual Integrations
APPROVED

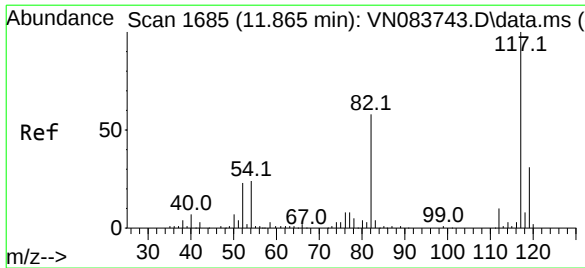
Reviewed By : John Carlone 09/20/2024
Supervised By : Mahesh Dadoda 09/20/2024



#62
4-Bromofluorobenzene
Concen: 45.908 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

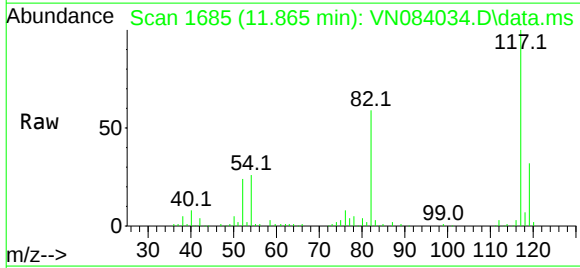
Tgt Ion: 95 Resp: 106943
Ion Ratio Lower Upper
95 100
174 70.3 0.0 139.8
176 68.5 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

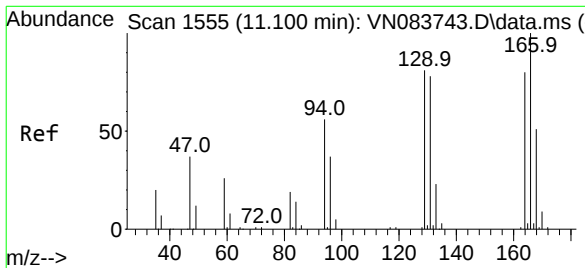
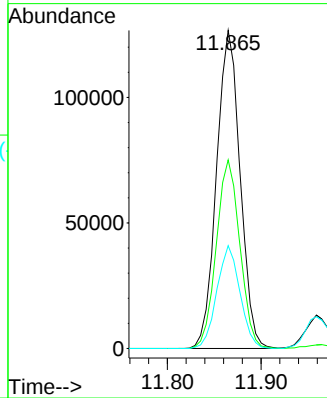
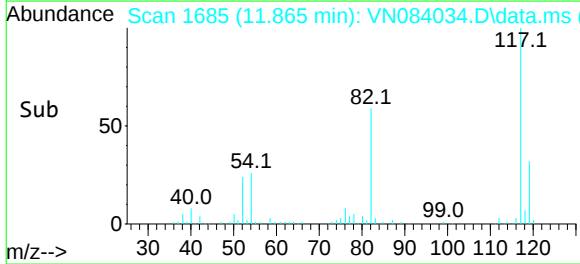
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01



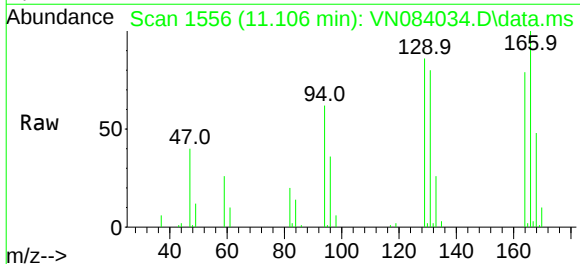
Tgt Ion:117 Resp: 221660
Ion Ratio Lower Upper
117 100
82 59.3 47.4 71.0
119 32.3 26.3 39.5

Manual Integrations
APPROVED

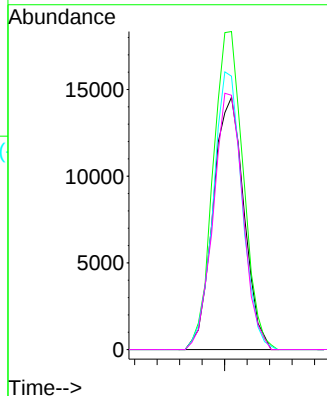
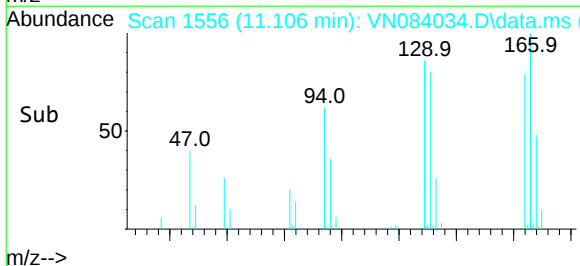
Reviewed By :John Carlone 09/20/2024
Supervised By :Mahesh Dadoda 09/20/2024

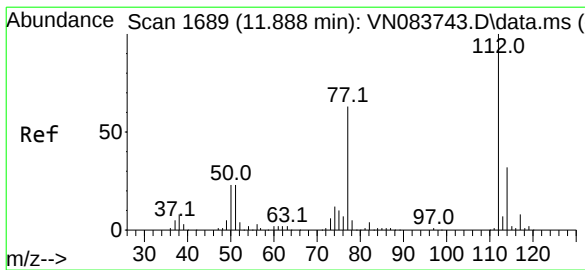


#64
Tetrachloroethene
Concen: 18.806 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06



Tgt Ion:164 Resp: 27722
Ion Ratio Lower Upper
164 100
166 126.1 103.7 155.5
129 108.3 79.9 119.9
131 100.8 78.4 117.6





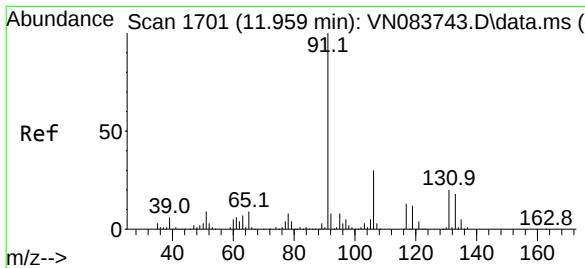
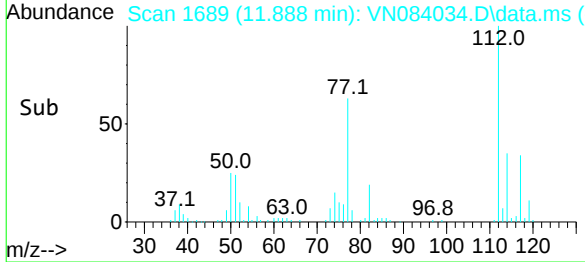
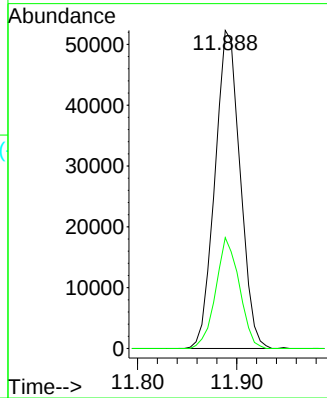
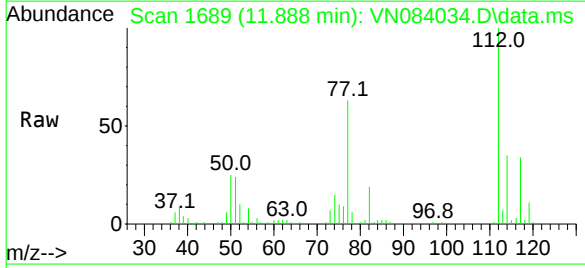
#65
Chlorobenzene
Concen: 18.707 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tgt Ion:112 Resp: 92162
Ion Ratio Lower Upper
112 100
114 34.8 25.7 38.5

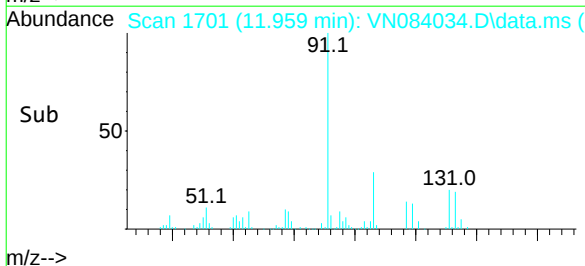
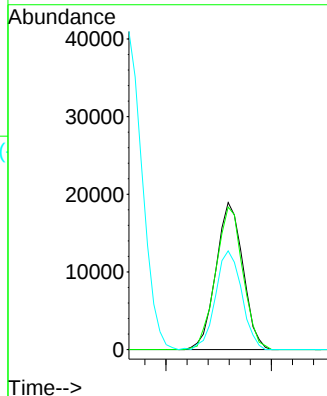
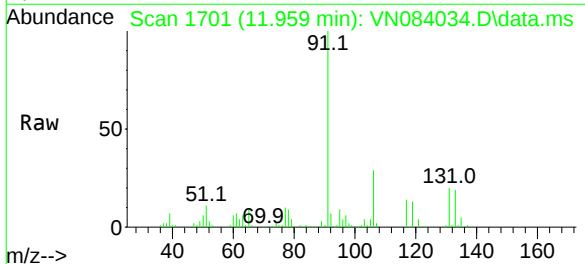
Manual Integrations
APPROVED

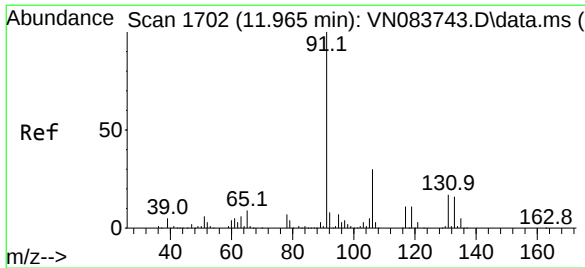
Reviewed By :John Carlone 09/20/2024
Supervised By :Mahesh Dadoda 09/20/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.739 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

Tgt Ion:131 Resp: 33712
Ion Ratio Lower Upper
131 100
133 97.2 47.5 142.6
119 65.0 31.6 94.8





#67

Ethyl Benzene

Concen: 19.344 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN084034.D

Acq: 19 Sep 2024 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBS01

Tgt Ion: 91 Resp: 169288

Ion Ratio Lower Upper

91 100

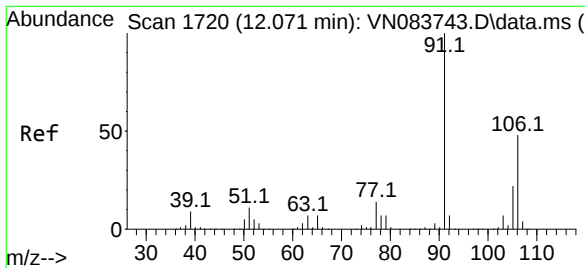
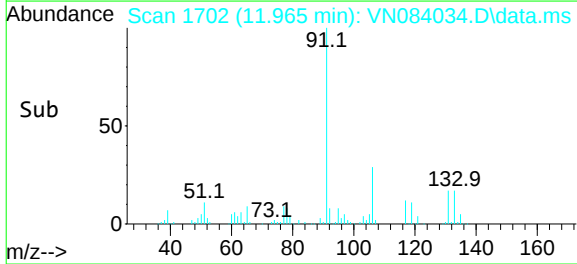
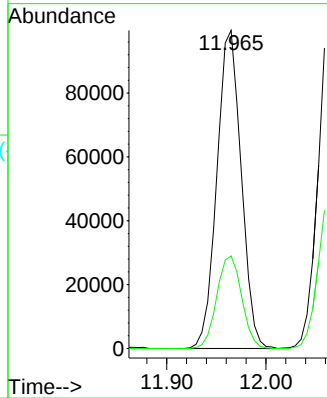
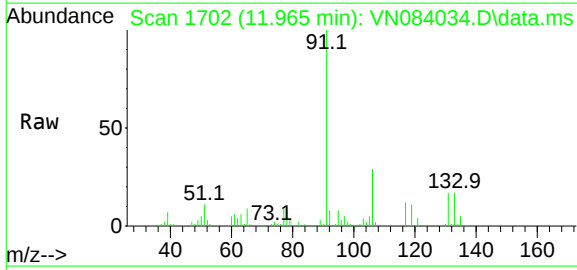
106 29.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2024

Supervised By :Mahesh Dadoda 09/20/2024



#68

m/p-Xylenes

Concen: 38.473 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN084034.D

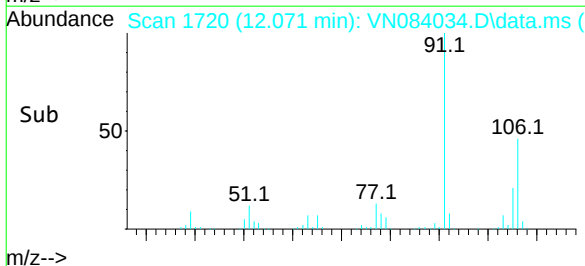
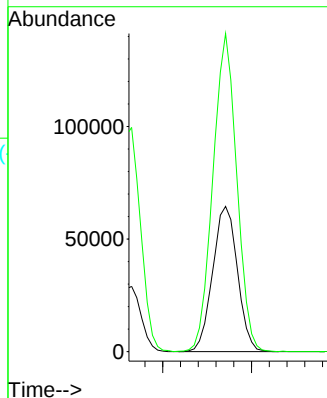
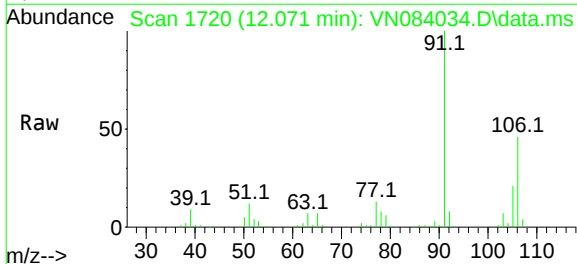
Acq: 19 Sep 2024 15:06

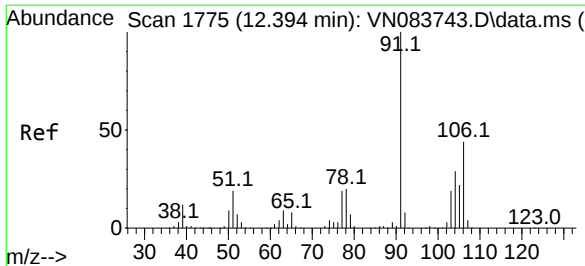
Tgt Ion:106 Resp: 125004

Ion Ratio Lower Upper

106 100

91 210.6 169.2 253.8





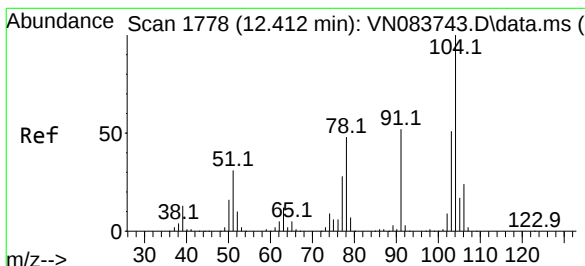
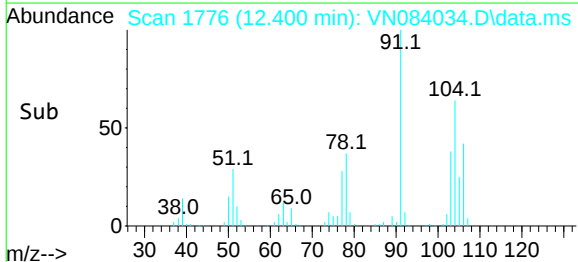
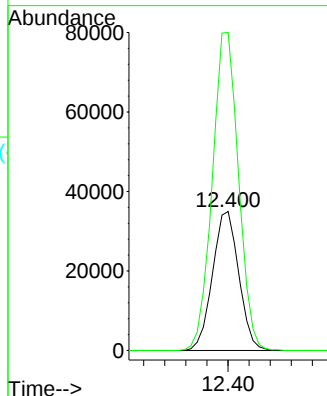
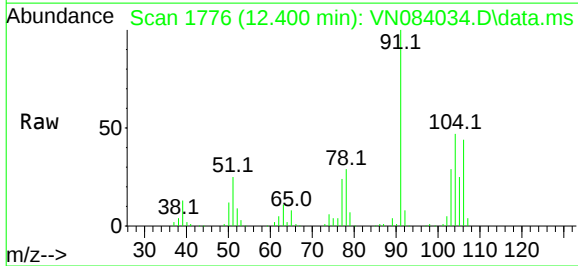
#69
o-Xylene
Concen: 19.221 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tgt Ion:106 Resp: 60457
Ion Ratio Lower Upper
106 100
91 228.5 112.9 338.6

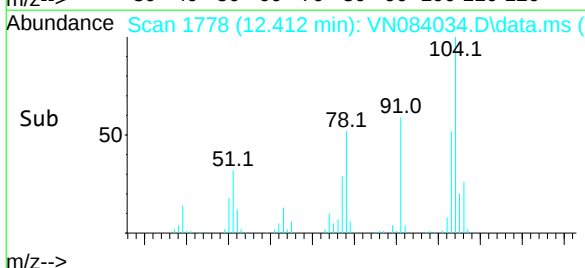
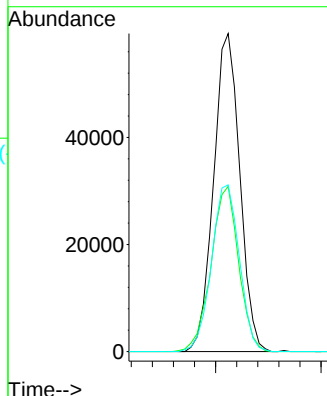
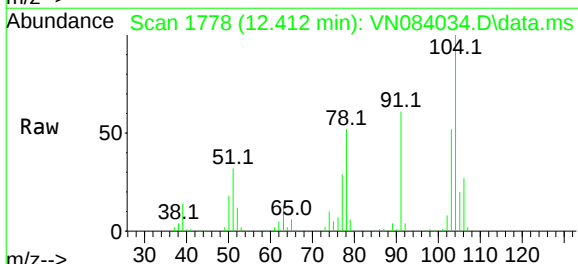
Manual Integrations
APPROVED

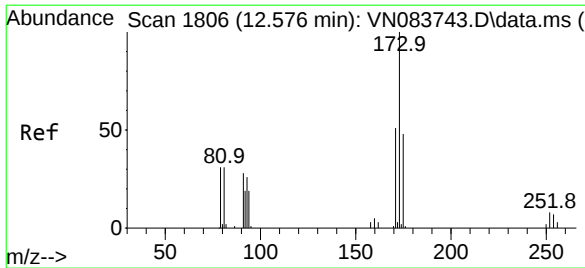
Reviewed By :John Carlone 09/20/2024
Supervised By :Mahesh Dadoda 09/20/2024



#70
Styrene
Concen: 19.860 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

Tgt Ion:104 Resp: 102522
Ion Ratio Lower Upper
104 100
78 54.8 43.3 64.9
103 55.6 43.4 65.2





#71

Bromoform

Concen: 21.781 ug/l

RT: 12.577 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN084034.D

Acq: 19 Sep 2024 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBS01

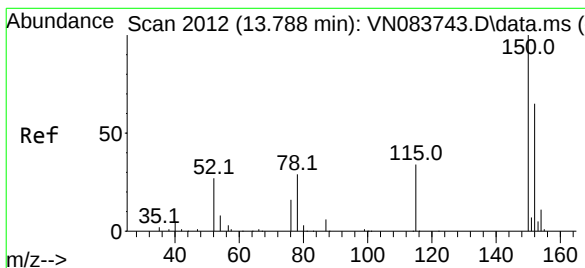
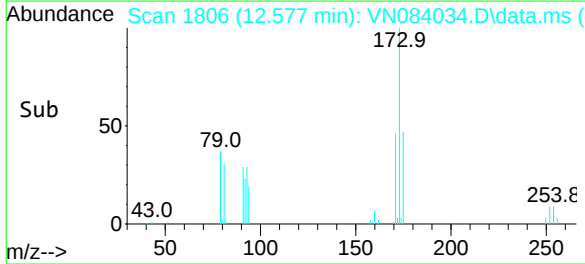
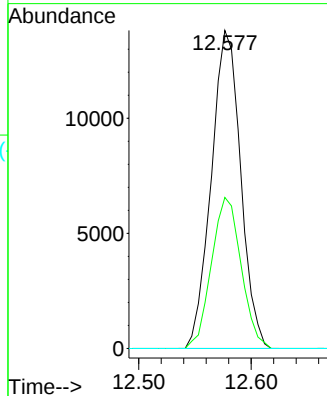
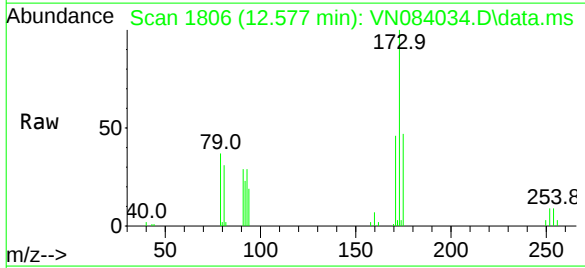
Tgt Ion:	173	Resp:	25067
Ion Ratio	Lower	Upper	
173	100		
175	48.0	24.1	72.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2024

Supervised By :Mahesh Dadoda 09/20/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

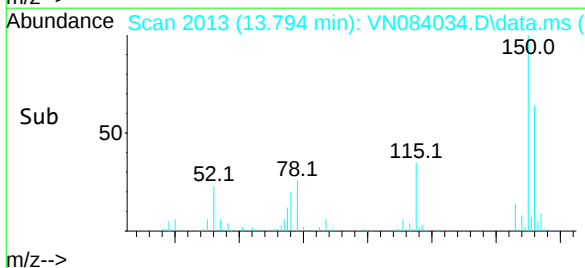
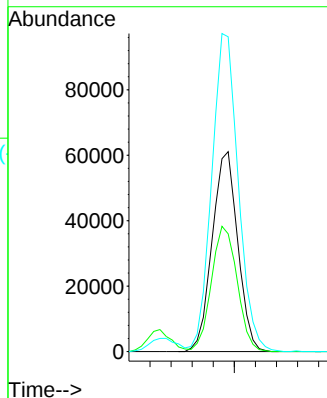
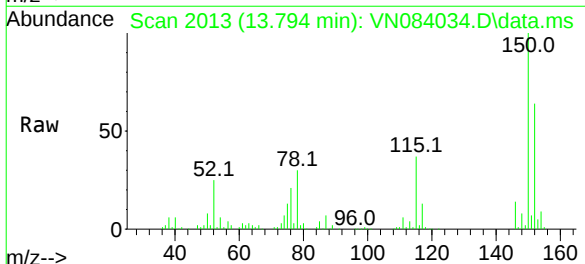
RT: 13.794 min Scan# 2013

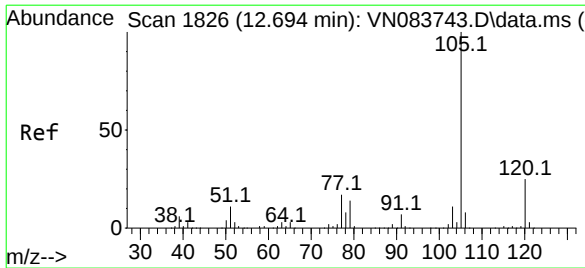
Delta R.T. 0.006 min

Lab File: VN084034.D

Acq: 19 Sep 2024 15:06

Tgt Ion:	152	Resp:	102958
Ion Ratio	Lower	Upper	
152	100		
115	63.1	32.2	96.6
150	165.1	0.0	348.6





#73

Isopropylbenzene

Concen: 19.821 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084034.D

Acq: 19 Sep 2024 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBS01

Tgt Ion:105 Resp: 157882

Ion Ratio Lower Upper

105 100

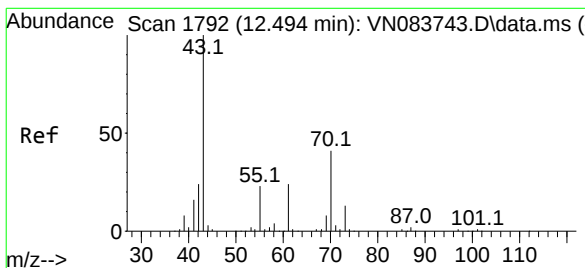
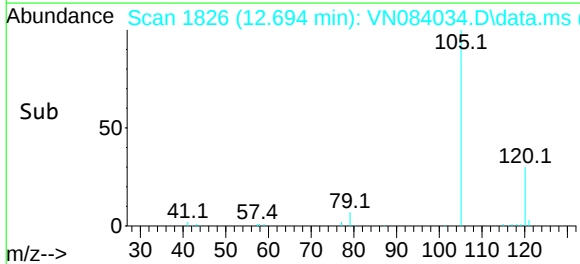
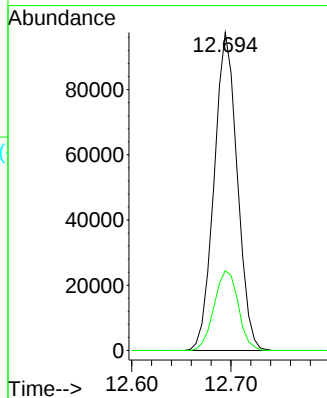
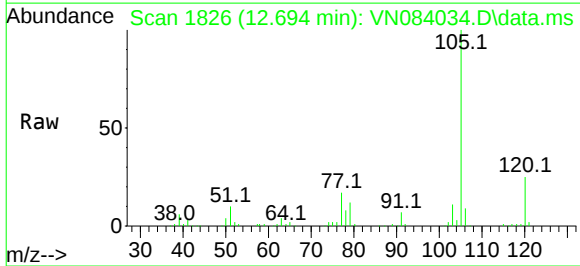
120 26.1 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2024

Supervised By :Mahesh Dadoda 09/20/2024



#74

N-ethyl acetate

Concen: 22.392 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN084034.D

Acq: 19 Sep 2024 15:06

Tgt Ion: 43 Resp: 76099

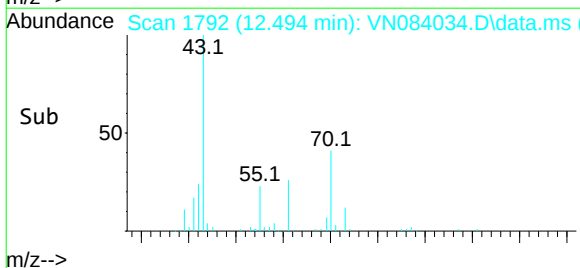
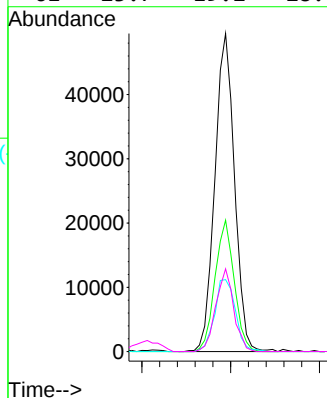
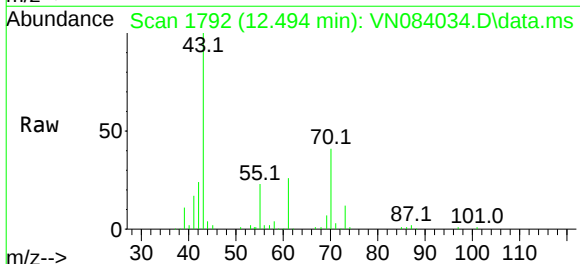
Ion Ratio Lower Upper

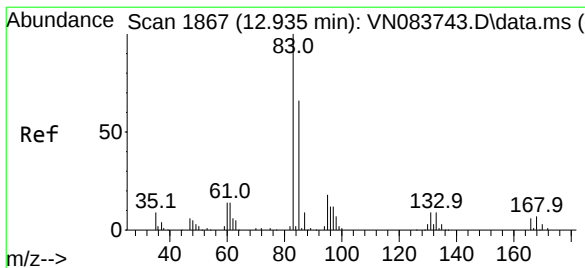
43 100

70 40.3 34.5 51.7

55 24.1 18.6 28.0

61 23.7 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.083 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN084034.D

Acq: 19 Sep 2024 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBS01

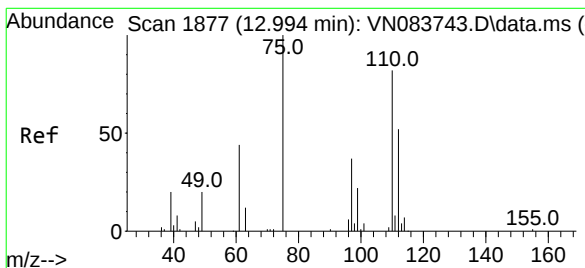
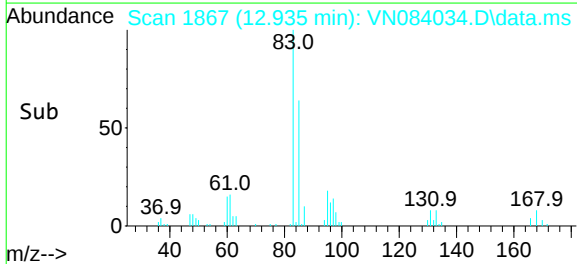
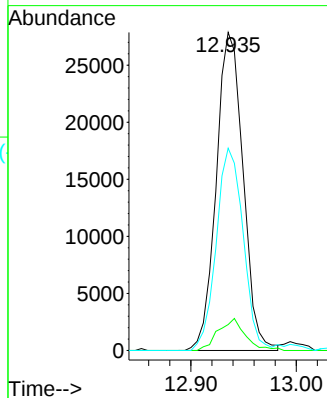
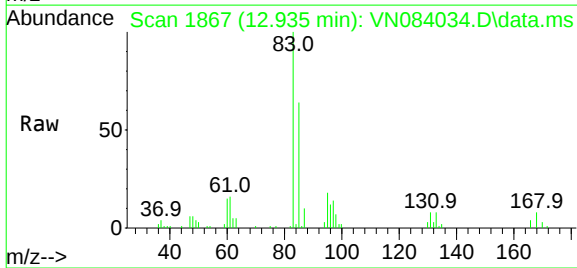
Tgt Ion:	83	Resp:	49342
Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.2	15.6
85	63.7	31.9	95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2024

Supervised By :Mahesh Dadoda 09/20/2024



#76

1,2,3-Trichloropropane

Concen: 20.468 ug/l m

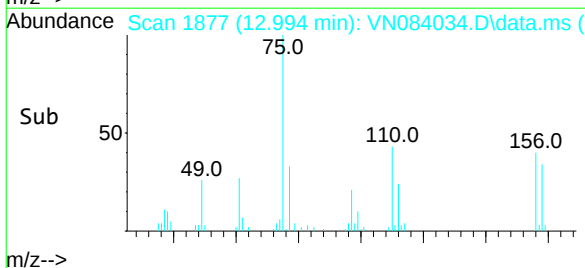
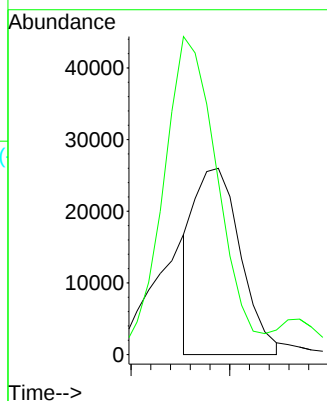
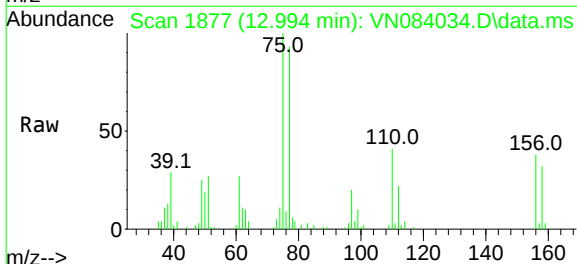
RT: 12.994 min Scan# 1877

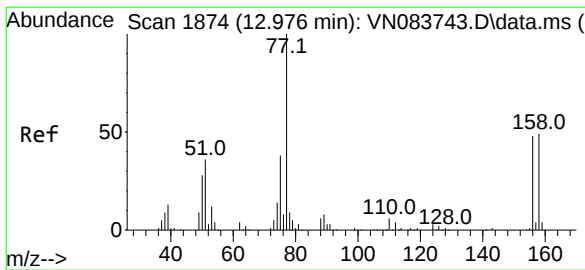
Delta R.T. 0.000 min

Lab File: VN084034.D

Acq: 19 Sep 2024 15:06

Tgt Ion:	75	Resp:	42523
Ion	Ratio	Lower	Upper
75	100		
77	201.7	95.2	285.6





#77

Bromobenzene

Concen: 19.103 ug/l

RT: 12.977 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN084034.D

Acq: 19 Sep 2024 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBS01

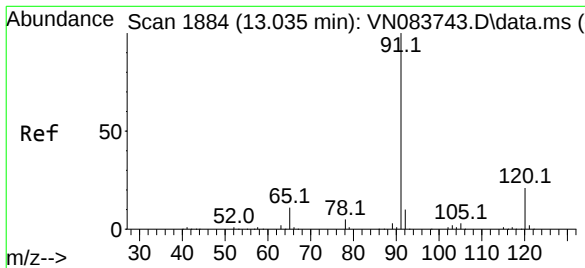
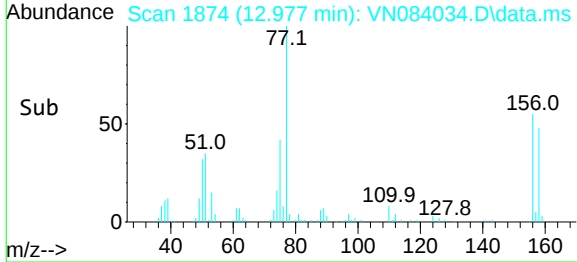
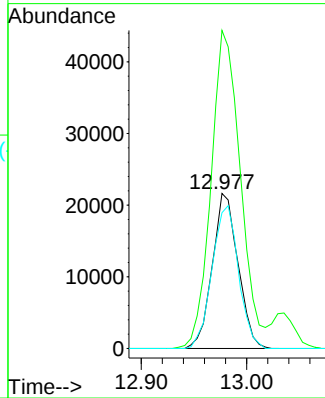
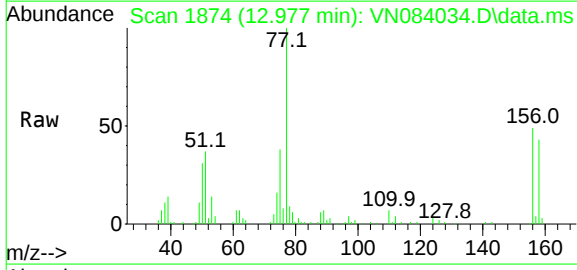
Tgt Ion:	156	Resp:	36627
Ion Ratio	Lower	Upper	
156	100		
77	234.2	114.3	343.1
158	94.7	48.9	146.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2024

Supervised By :Mahesh Dadoda 09/20/2024



#78

n-propylbenzene

Concen: 19.953 ug/l

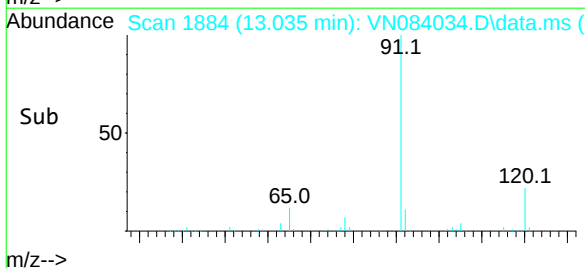
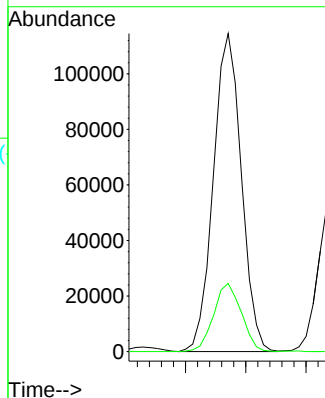
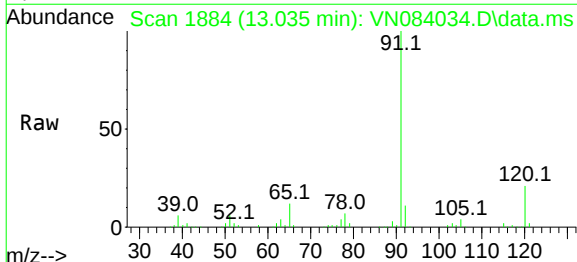
RT: 13.035 min Scan# 1884

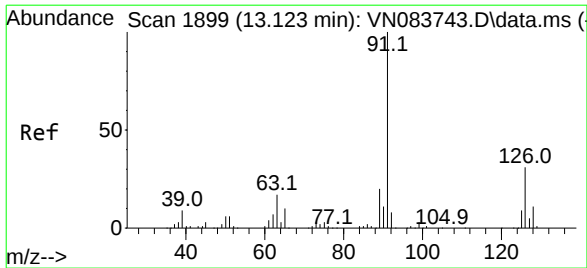
Delta R.T. 0.000 min

Lab File: VN084034.D

Acq: 19 Sep 2024 15:06

Tgt Ion:	91	Resp:	184919
Ion Ratio	Lower	Upper	
91	100		
120	21.2	11.0	33.0





#79

2-Chlorotoluene

Concen: 19.743 ug/l

RT: 13.124 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN084034.D

Acq: 19 Sep 2024 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBS01

Tgt Ion: 91 Resp: 116694

Ion Ratio Lower Upper

91 100

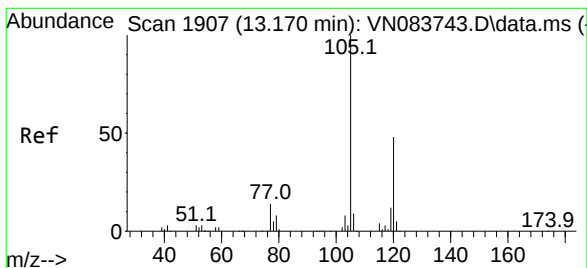
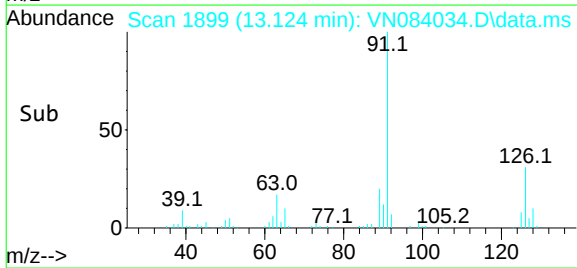
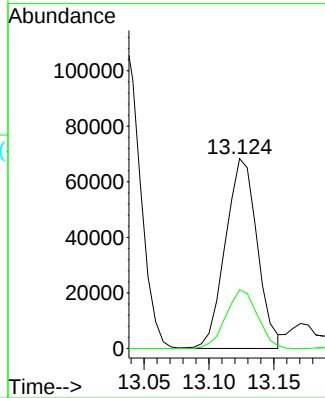
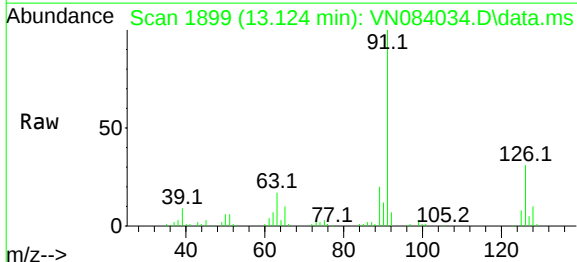
126 30.6 15.4 46.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2024

Supervised By :Mahesh Dadoda 09/20/2024



#80

1,3,5-Trimethylbenzene

Concen: 19.739 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084034.D

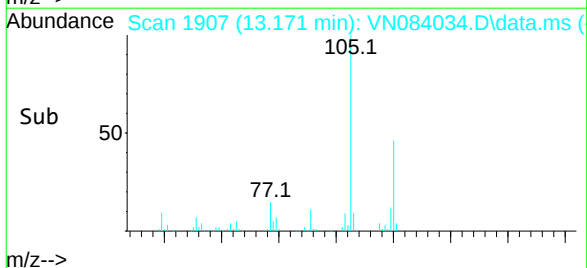
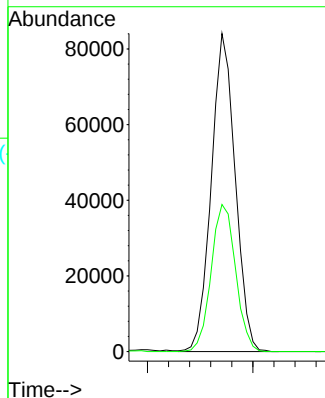
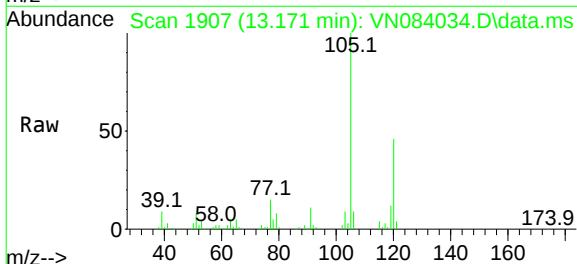
Acq: 19 Sep 2024 15:06

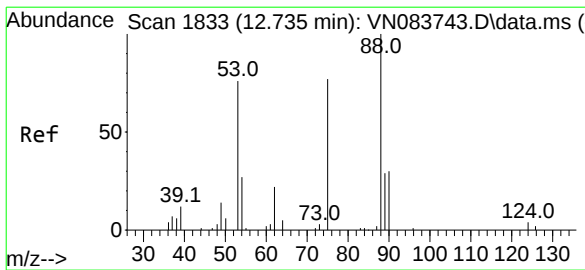
Tgt Ion:105 Resp: 132558

Ion Ratio Lower Upper

105 100

120 47.3 23.4 70.3





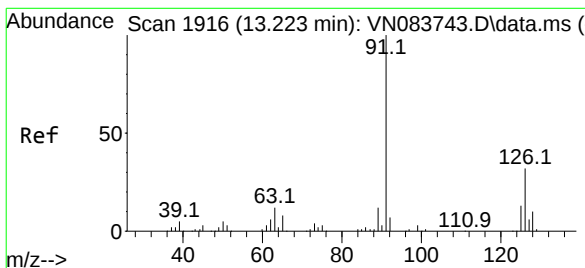
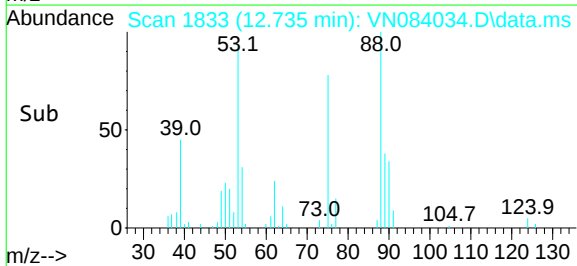
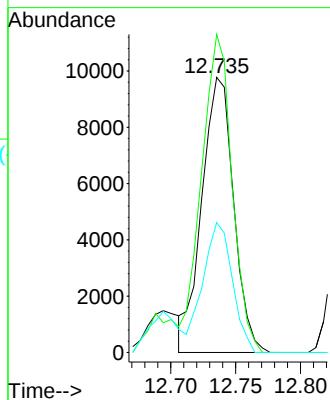
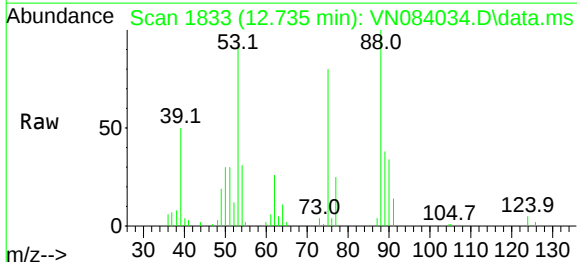
#81
trans-1,4-Dichloro-2-butene
Concen: 21.038 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	111.3	81.2	121.8
89	43.5	35.7	53.5

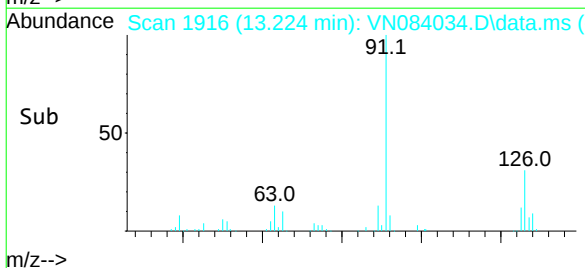
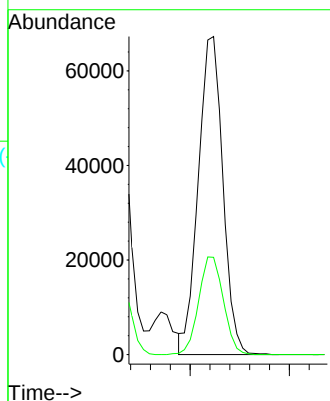
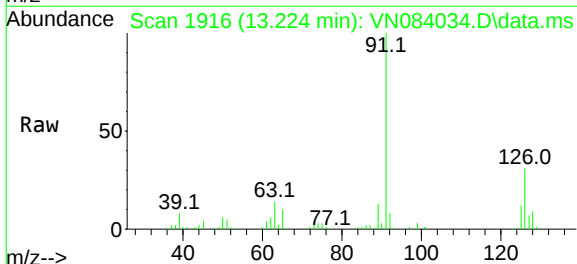
Manual Integrations
APPROVED

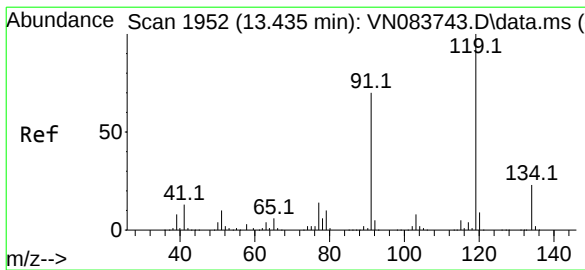
Reviewed By :John Carlone 09/20/2024
Supervised By :Mahesh Dadoda 09/20/2024



#82
4-Chlorotoluene
Concen: 19.471 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.4	46.2





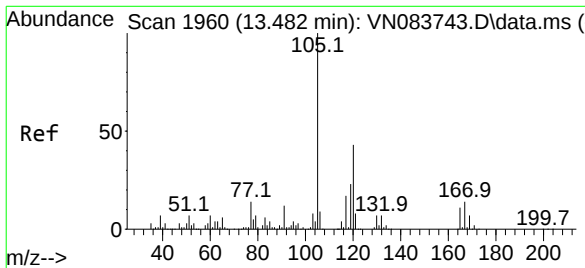
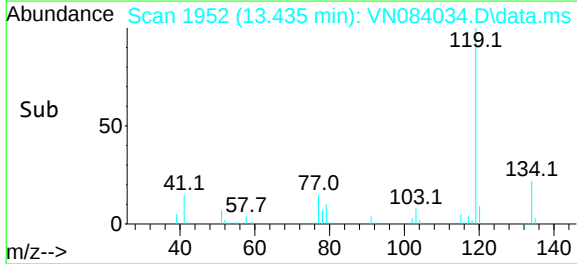
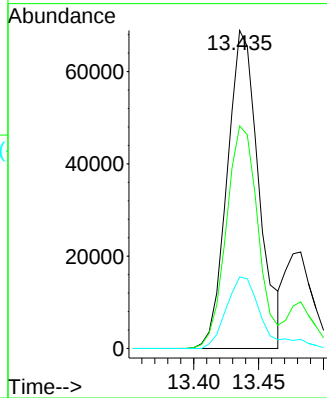
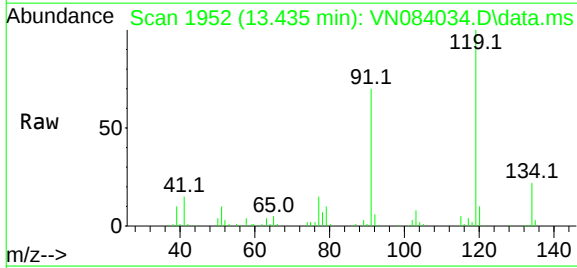
#83
tert-Butylbenzene
Concen: 19.864 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tgt Ion:119 Resp: 116713
Ion Ratio Lower Upper
119 100
91 70.4 34.5 103.6
134 25.4 12.8 38.4

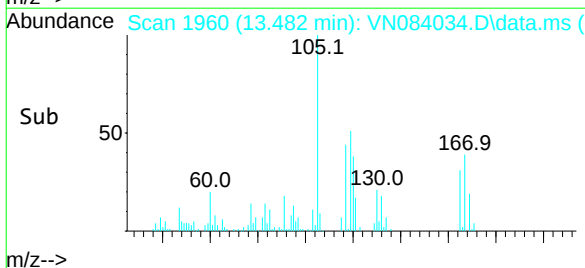
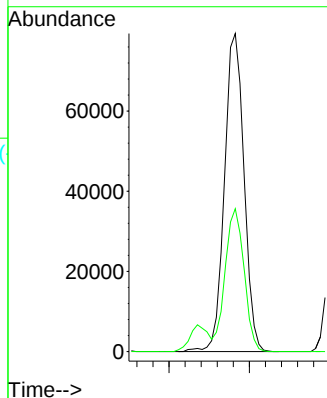
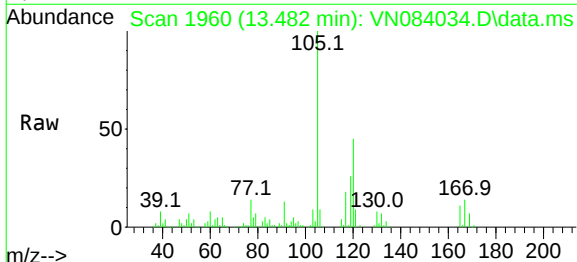
Manual Integrations
APPROVED

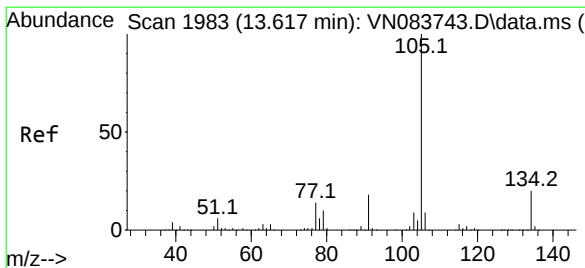
Reviewed By :John Carlone 09/20/2024
Supervised By :Mahesh Dadoda 09/20/2024



#84
1,2,4-Trimethylbenzene
Concen: 19.858 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

Tgt Ion:105 Resp: 133961
Ion Ratio Lower Upper
105 100
120 43.7 21.8 65.4





#85

sec-Butylbenzene

Concen: 20.239 ug/l

RT: 13.618 min Scan# 19

Delta R.T. 0.000 min

Lab File: VN084034.D

Acq: 19 Sep 2024 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBS01

Tgt Ion:105 Resp: 157707

Ion Ratio Lower Upper

105 100

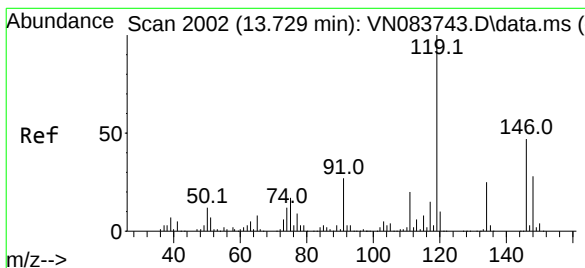
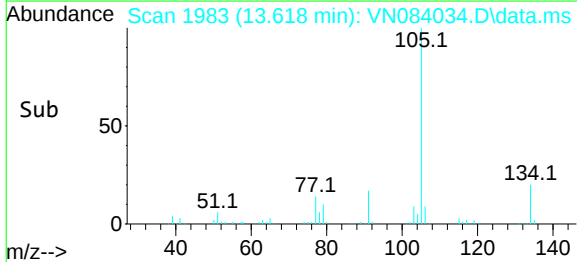
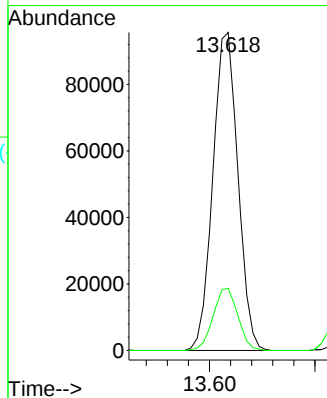
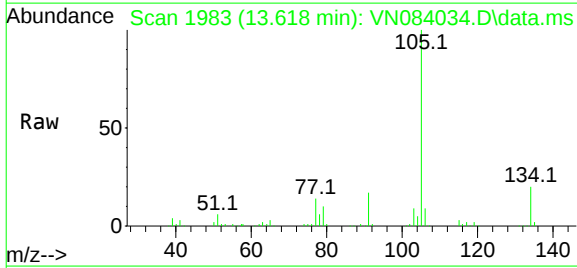
134 19.3 9.7 29.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2024

Supervised By :Mahesh Dadoda 09/20/2024



#86

p-Isopropyltoluene

Concen: 19.512 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084034.D

Acq: 19 Sep 2024 15:06

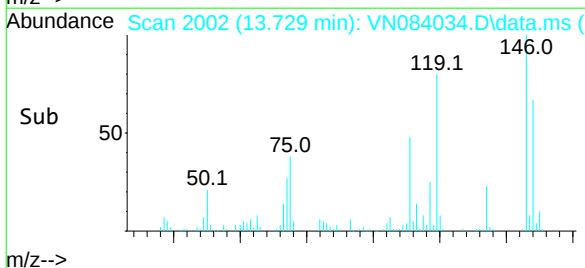
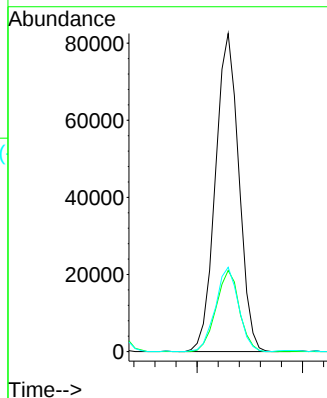
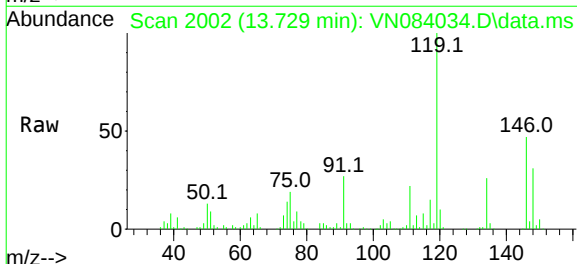
Tgt Ion:119 Resp: 127451

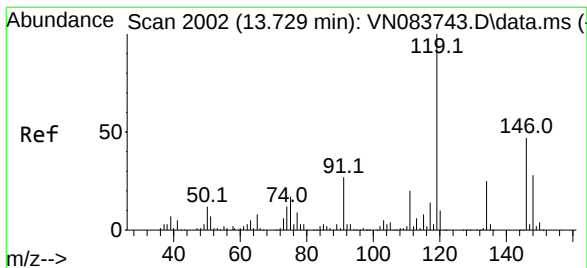
Ion Ratio Lower Upper

119 100

134 25.3 12.8 38.3

91 26.2 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 18.574 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084034.D

Acq: 19 Sep 2024 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBS01

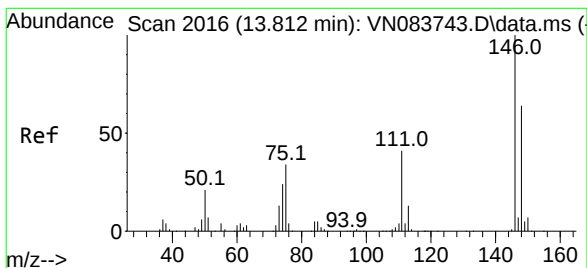
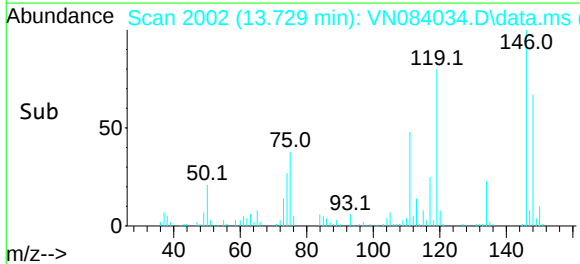
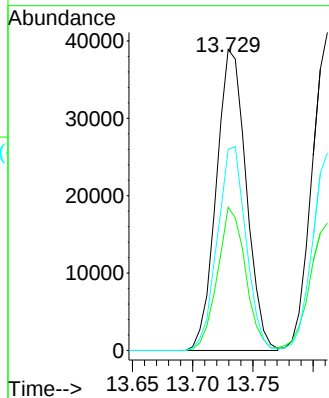
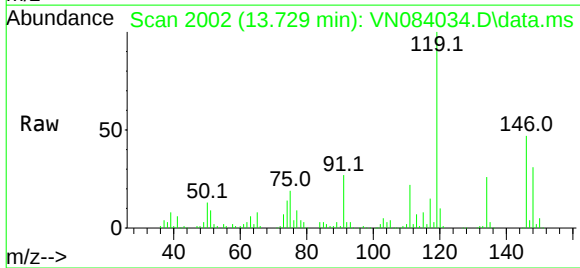
Tgt Ion:	146	Resp:	67210
Ion	Ratio	Lower	Upper
146	100		
111	44.9	21.7	65.1
148	65.0	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2024

Supervised By :Mahesh Dadoda 09/20/2024



#88

1,4-Dichlorobenzene

Concen: 18.878 ug/l

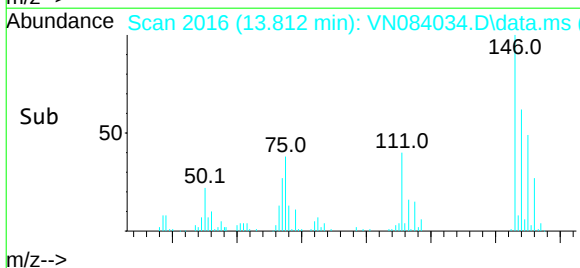
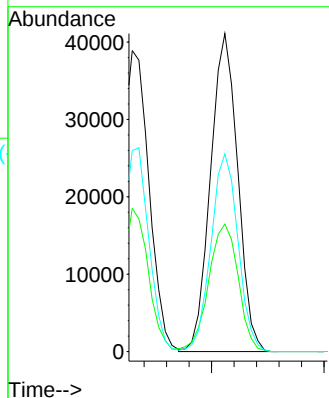
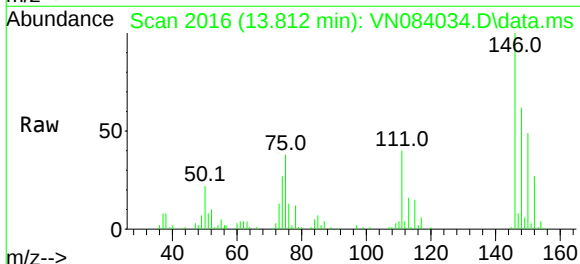
RT: 13.812 min Scan# 2016

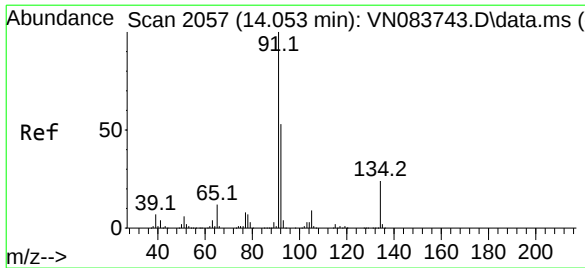
Delta R.T. 0.000 min

Lab File: VN084034.D

Acq: 19 Sep 2024 15:06

Tgt Ion:	146	Resp:	69170
Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.3	64.0
148	61.9	32.0	96.2





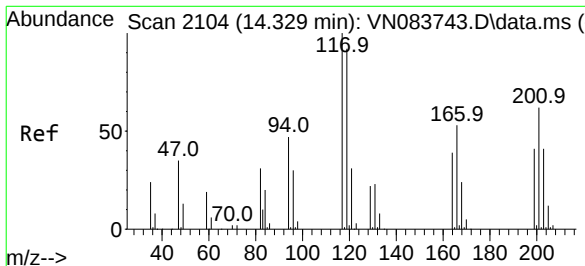
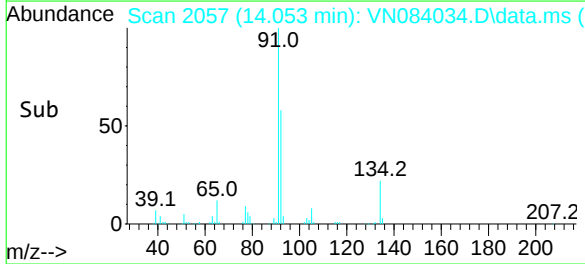
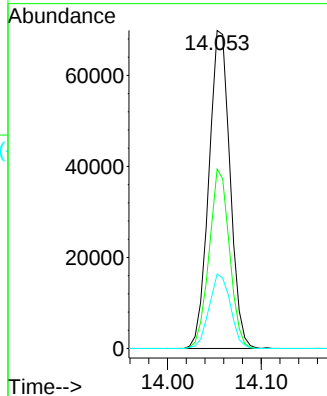
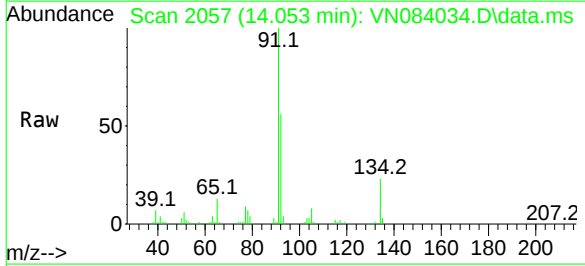
#89
n-Butylbenzene
Concen: 18.682 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tgt Ion:	91	Resp:	109561
Ion	Ratio	Lower	Upper
91	100		
92	54.1	26.7	80.1
134	23.6	12.2	36.4

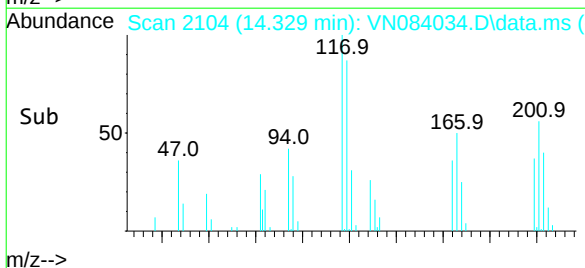
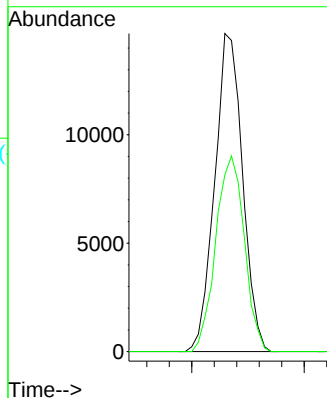
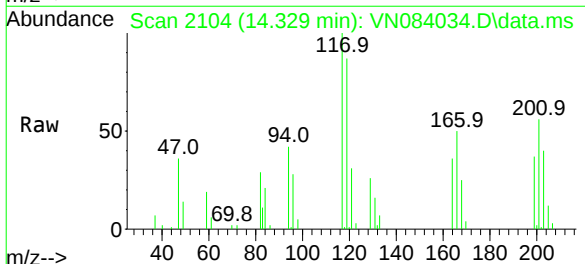
Manual Integrations
APPROVED

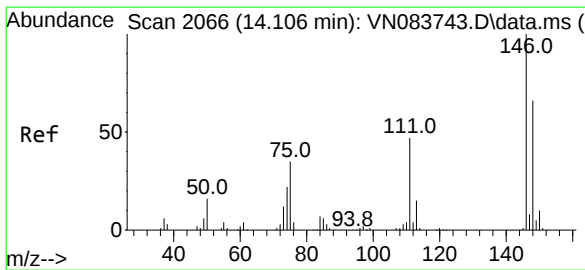
Reviewed By :John Carlone 09/20/2024
Supervised By :Mahesh Dadoda 09/20/2024



#90
Hexachloroethane
Concen: 19.217 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

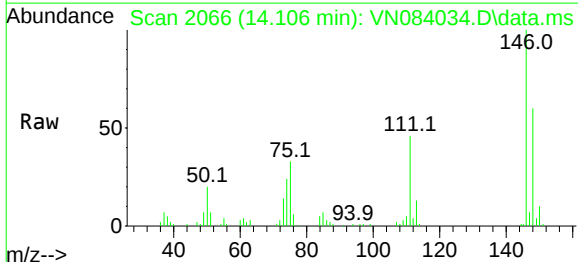
Tgt Ion:	117	Resp:	25233
Ion	Ratio	Lower	Upper
117	100		
201	63.0	32.8	98.3





#91
1,2-Dichlorobenzene
Concen: 19.296 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

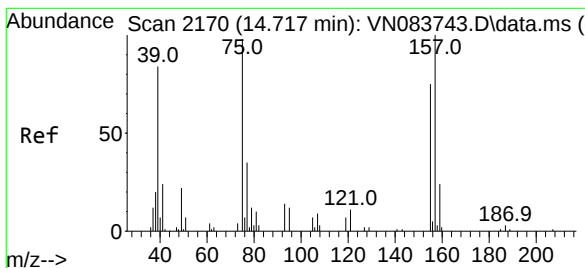
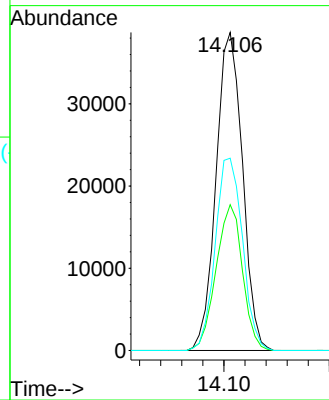
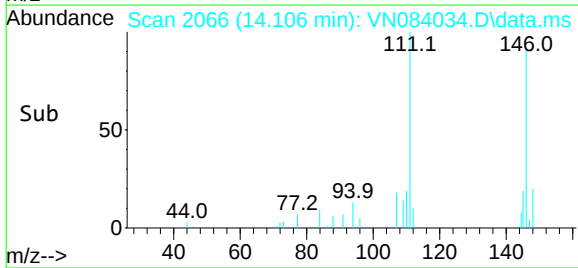
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01



Tgt Ion: 146 Resp: 67387
Ion Ratio Lower Upper
146 100
111 45.8 22.8 68.3
148 62.3 32.1 96.5

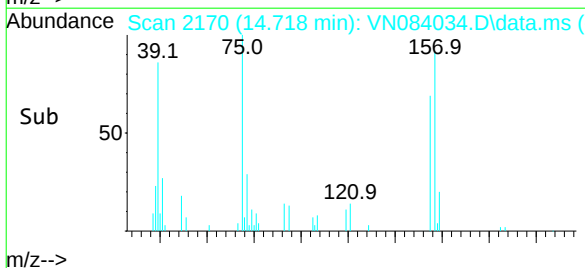
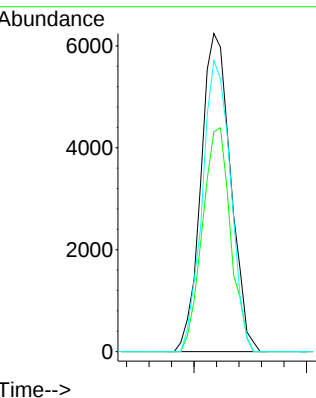
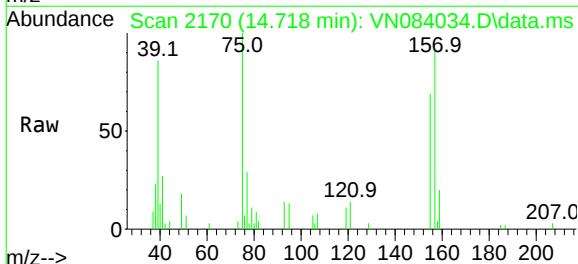
Manual Integrations
APPROVED

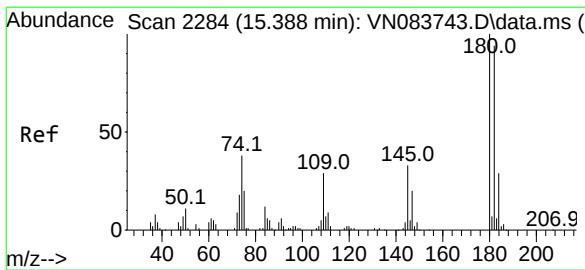
Reviewed By : John Carlone 09/20/2024
Supervised By : Mahesh Dadoda 09/20/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 24.549 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

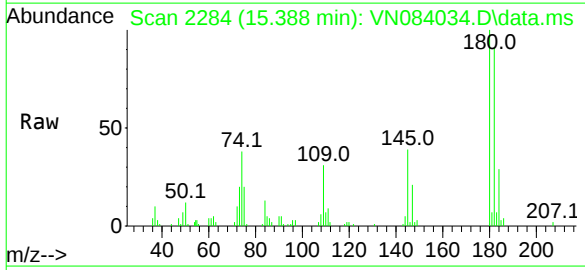
Tgt Ion: 75 Resp: 11453
Ion Ratio Lower Upper
75 100
155 66.3 35.9 107.7
157 86.7 47.5 142.5





#93
1,2,4-Trichlorobenzene
Concen: 17.371 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06

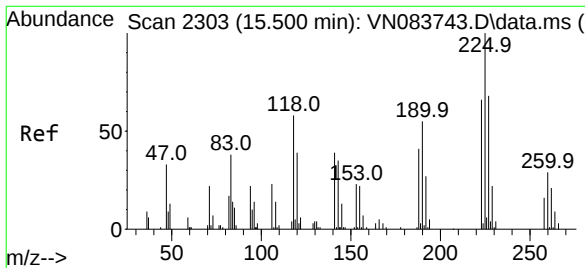
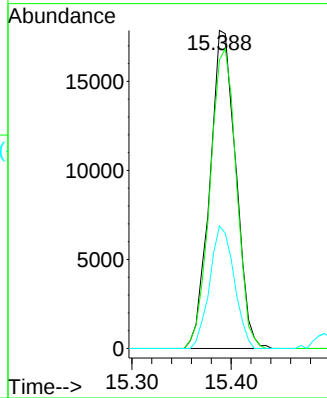
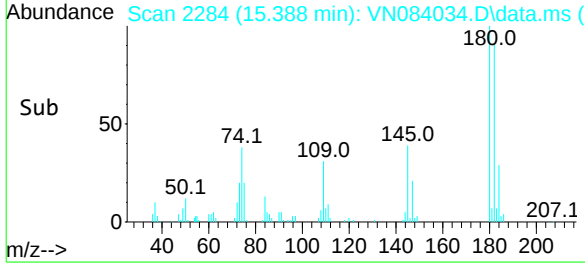
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01



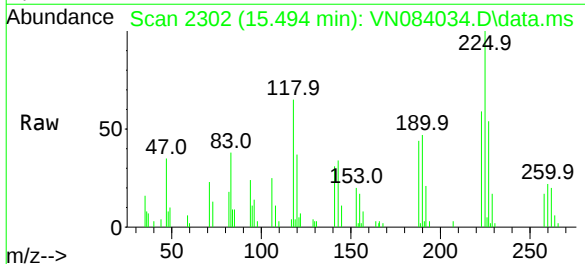
Tgt Ion:180 Resp: 32554
Ion Ratio Lower Upper
180 100
182 95.2 48.1 144.3
145 36.2 16.9 50.7

Manual Integrations
APPROVED

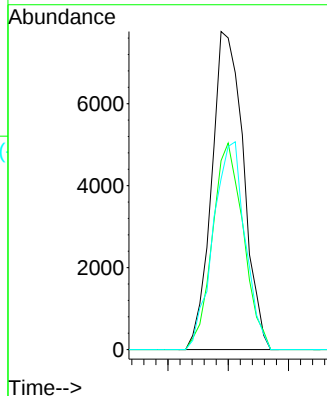
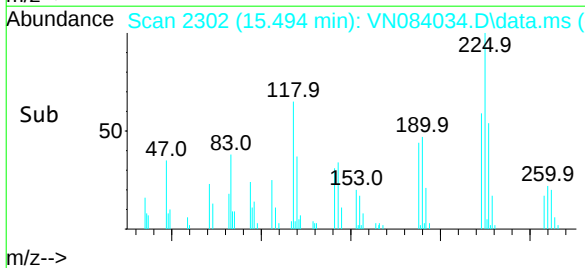
Reviewed By :John Carlone 09/20/2024
Supervised By :Mahesh Dadoda 09/20/2024

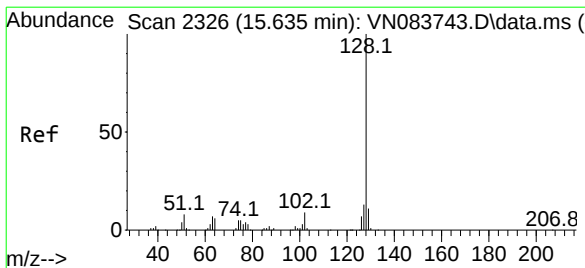


#94
Hexachlorobutadiene
Concen: 17.875 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN084034.D
Acq: 19 Sep 2024 15:06



Tgt Ion:225 Resp: 14226
Ion Ratio Lower Upper
225 100
223 63.2 31.9 95.5
227 65.6 32.0 96.2





#95

Naphthalene

Concen: 19.360 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN084034.D

Acq: 19 Sep 2024 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBS01

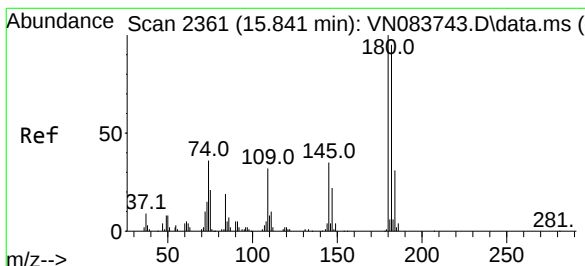
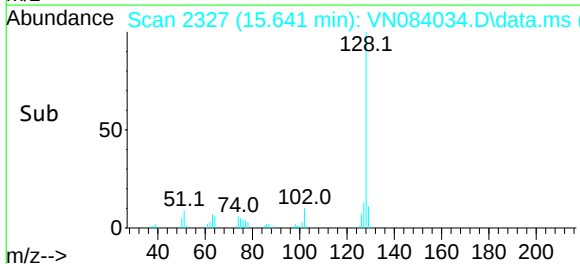
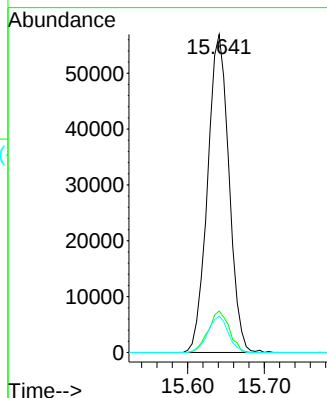
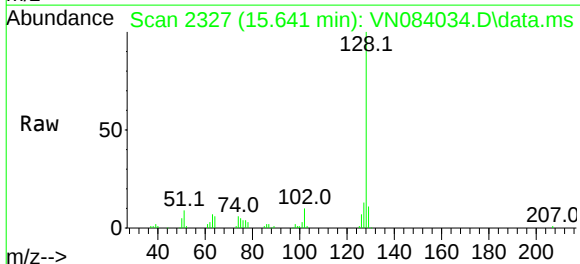
Tgt Ion:	128	Resp:	110380
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.9	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2024

Supervised By :Mahesh Dadoda 09/20/2024



#96

1,2,3-Trichlorobenzene

Concen: 18.346 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN084034.D

Acq: 19 Sep 2024 15:06

Tgt Ion:	180	Resp:	32858
Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.1	141.4
145	35.1	17.8	53.5

