

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051424\
 Data File : VN082120.D
 Acq On : 14 May 2024 17:15
 Operator : JC\MD
 Sample : VN0514WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0514WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/15/2024
 Supervised By : Mahesh Dadoda 05/15/2024

Quant Time: May 15 02:49:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 14 11:29:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	60360	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	294409	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.870	117	276541	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	157746	31.214	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.033%			
60) 4-Bromofluorobenzene	12.847	95	128807	27.988	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 93.300%			
63) Toluene-d8	10.571	98	387699	29.521	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.400%			
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	47829	13.959	ug/l	99
3) Chloromethane	2.365	50	72504	18.247	ug/l	97
4) Vinyl Chloride	2.518	62	71650	19.088	ug/l	95
5) Bromomethane	2.965	94	52221	26.661	ug/l	93
6) Chloroethane	3.124	64	61241	28.811	ug/l	91
7) Trichlorofluoromethane	3.500	101	89670	16.325	ug/l	100
8) Diethyl Ether	3.965	74	43699	16.435	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.371	101	56462	14.978	ug/l	92
10) 1,1-Dichloroethene	4.341	96	51921	14.077	ug/l	# 78
11) Methyl Iodide	4.589	142	60005	17.810	ug/l	93
12) Methyl Acetate	5.030	43	117431	24.904	ug/l	# 79
13) Acrolein	4.177	56	101391	103.253	ug/l	98
14) Acrylonitrile	5.724	53	217908	103.506	ug/l	98
15) Acetone	4.430	58	47141	99.288	ug/l	# 61
16) Carbon Disulfide	4.712	76	122894	12.041	ug/l	# 96
17) Allyl chloride	5.030	41	112791	17.084	ug/l	80
18) Methylene Chloride	5.277	84	77032	18.378	ug/l	# 73
19) trans-1,2-Dichloroethene	5.783	96	59651	15.537	ug/l	99
20) Diisopropyl ether	6.671	45	305714	21.363	ug/l	90
21) 1,1-Dichloroethane	6.571	63	147509	19.468	ug/l	96
22) cis-1,2-Dichloroethene	7.482	96	83548	17.818	ug/l	90
23) tert-Butyl Alcohol	5.524	59	84939m	97.929	ug/l	
24) Methyl tert-Butyl Ether	5.800	73	257818	19.410	ug/l	# 79
25) Chloroform	7.965	83	147836	20.280	ug/l	96
26) Cyclohexane	8.259	56	93550	14.363	ug/l	# 81
29) 1,1-Dichloropropene	8.377	75	85778	19.570	ug/l	94
30) 2-Butanone	7.482	43	308632	136.603	ug/l	# 87
31) 2,2-Dichloropropane	7.488	77	111054	24.724	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	114616	22.737	ug/l	# 93
33) Carbon Tetrachloride	8.365	117	88824	21.712	ug/l	98
34) Benzene	8.606	78	307363	21.981	ug/l	# 94
35) Methacrylonitrile	7.777	41	72182	25.253	ug/l	91
36) 1,2-Dichloroethane	8.677	62	125100	26.651	ug/l	95
37) Trichloroethene	9.353	130	61512	17.961	ug/l	87
38) Methylcyclohexane	9.600	83	85015	16.056	ug/l	90
39) 1,2-Dichloropropane	9.624	63	85510	23.833	ug/l	98
40) Dibromomethane	9.712	93	56472	24.501	ug/l	94
41) Bromodichloromethane	9.888	83	119871	24.332	ug/l	# 99
42) Vinyl Acetate	6.600	43	1205462	125.354	ug/l	# 91

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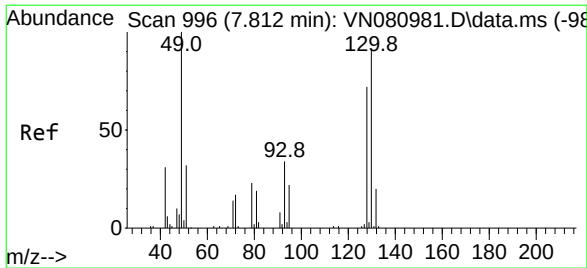
Manual Integrations
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Reviewed By : John Carlone 05/15/2024
 Supervised By : Mahesh Dadoda 05/15/2024

Quant Time: May 15 02:49:12 2024
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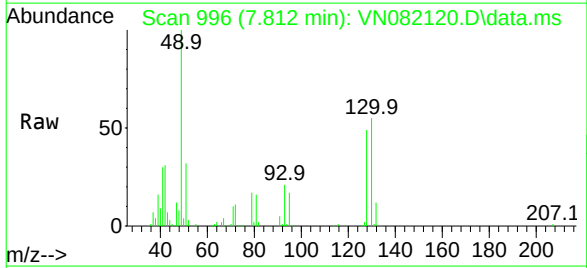
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	115025	23.271	ug/l	99
44) Isopropyl Acetate	8.688	43	232375	26.574	ug/l #	84
45) 1,4-Dioxane	9.694	88	31796	453.352	ug/l #	86
46) Methyl methacrylate	9.682	41	105263	26.346	ug/l	72
47) n-amyl Acetate	12.494	43	190963m	24.217	ug/l	
48) t-1,3-Dichloropropene	10.835	75	119309	22.332	ug/l	96
49) cis-1,3-Dichloropropene	10.312	75	129661	22.955	ug/l #	78
50) 1,1,2-Trichloroethane	11.018	97	78199	25.007	ug/l	93
51) Ethyl methacrylate	10.876	69	130483	22.109	ug/l #	66
52) 1,3-Dichloropropane	11.165	76	137901	24.003	ug/l	100
53) Dibromochloromethane	11.359	129	85514	25.134	ug/l	96
54) 1,2-Dibromoethane	11.470	107	76135	24.413	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	332155	112.547	ug/l	95
56) Bromoform	12.582	173	54620	26.378	ug/l #	90
58) 4-Methyl-2-Pentanone	10.447	43	690354	128.573	ug/l #	83
59) 2-Hexanone	11.200	43	507660	127.513	ug/l #	83
61) Tetrachloroethene	11.112	164	58522	19.072	ug/l #	80
62) Toluene	10.635	91	314603	20.219	ug/l	99
64) Chlorobenzene	11.894	112	198621	20.870	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.965	131	72880	23.397	ug/l	98
66) Ethyl Benzene	11.965	91	332317	19.484	ug/l	98
67) m/p-Xylenes	12.070	106	244662	38.690	ug/l	100
68) o-Xylene	12.400	106	123020	19.663	ug/l	99
69) Styrene	12.412	104	209854	19.981	ug/l	98
70) Isopropylbenzene	12.694	105	305532	19.228	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	110724	24.215	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	98905m	26.434	ug/l	
73) Bromobenzene	12.982	156	78448	23.064	ug/l	93
74) n-propylbenzene	13.035	91	366820	19.553	ug/l	97
75) 2-Chlorotoluene	13.123	91	231241	19.939	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	253526	19.712	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	38357	20.149	ug/l	84
78) 4-Chlorotoluene	13.223	91	224964	19.800	ug/l	98
79) tert-butylbenzene	13.441	119	216176	19.521	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	250860	19.418	ug/l	97
81) sec-Butylbenzene	13.617	105	301243	19.407	ug/l	100
82) p-Isopropyltoluene	13.729	119	244179	19.893	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	136230	22.243	ug/l	97
84) 1,4-Dichlorobenzene	13.811	146	134973	21.926	ug/l	97
85) n-Butylbenzene	14.059	91	218892	19.523	ug/l	94
86) Hexachloroethane	14.335	117	44795	18.303	ug/l	90
87) 1,2-Dichlorobenzene	14.106	146	139648	22.893	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	21220	20.681	ug/l	93
89) 1,2,4-Trichlorobenzene	15.841	180	72061	21.454	ug/l	97
90) Hexachlorobutadiene	15.505	225	26142	21.015	ug/l	99
91) Naphthalene	15.641	128	247300	19.368	ug/l	98
92) 1,2,3-Trichlorobenzene	15.841	180	72061	21.454	ug/l	97

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

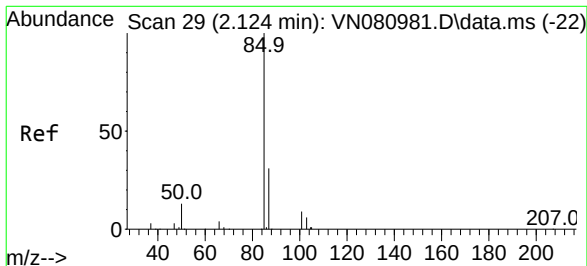
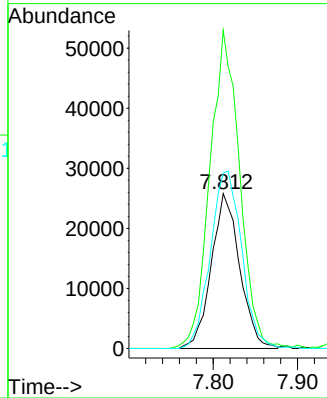
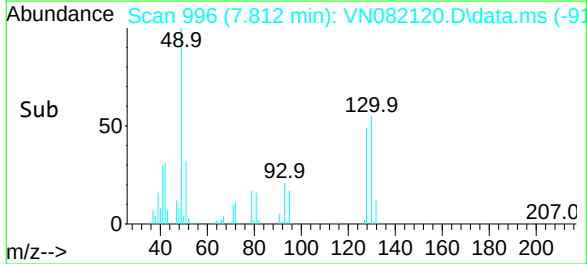
Instrument :
MSVOA_N
ClientSampleId :
VN0514WBSD02



Tgt Ion:128 Resp: 60360
Ion Ratio Lower Upper
128 100
49 214.7 0.0 403.7
130 126.1 0.0 323.3

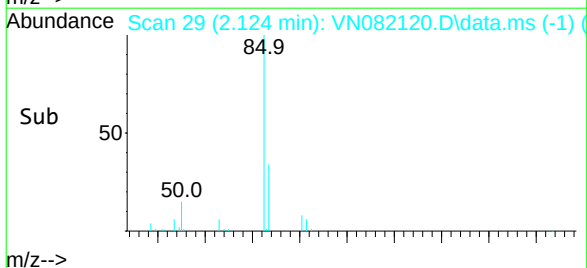
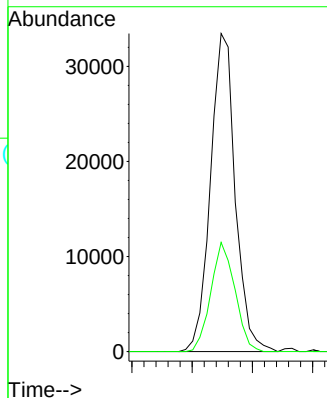
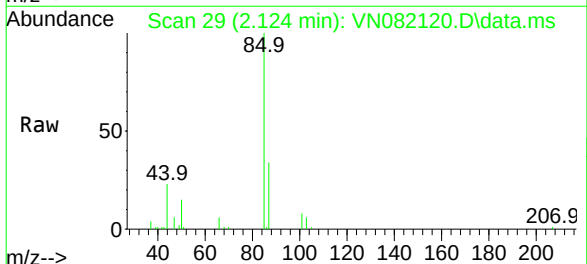
Manual Integrations
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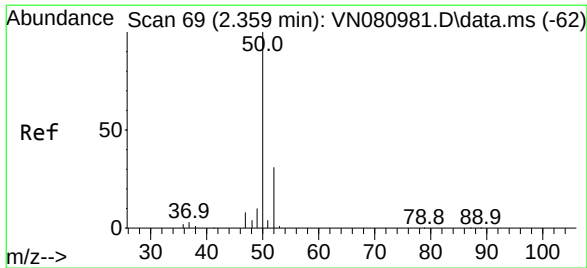
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#2
Dichlorodifluoromethane
Concen: 13.959 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

Tgt Ion: 85 Resp: 47829
Ion Ratio Lower Upper
85 100
87 34.3 16.8 50.3





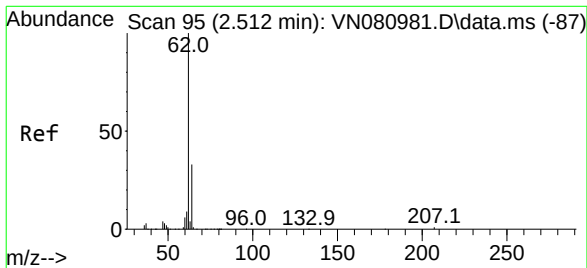
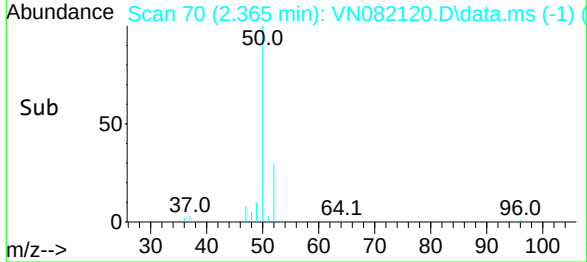
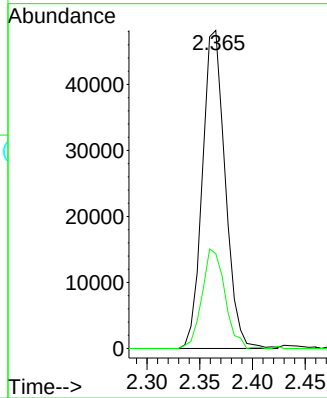
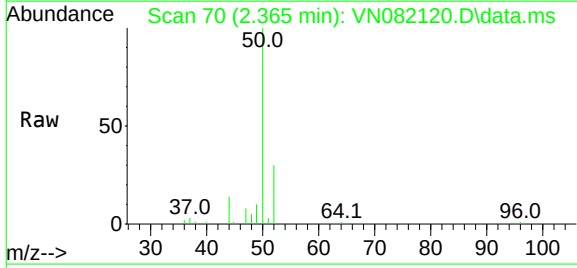
#3
Chloromethane
Concen: 18.247 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBSD02

Tgt Ion: 50 Resp: 72504
Ion Ratio Lower Upper
50 100
52 29.8 25.4 38.0

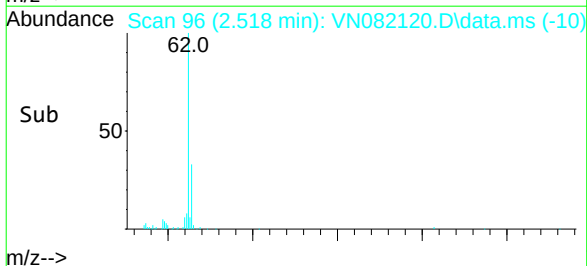
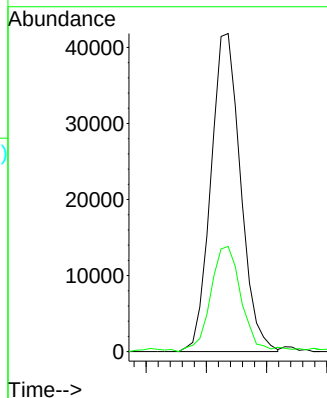
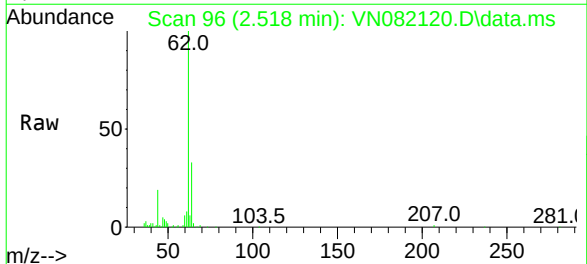
Manual Integrations
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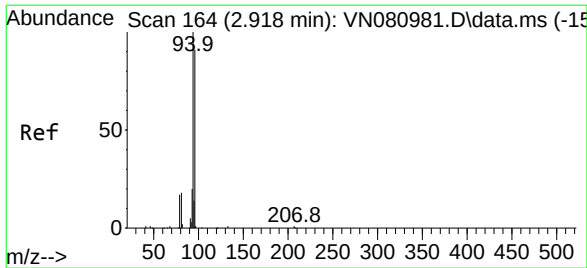
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#4
Vinyl Chloride
Concen: 19.088 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

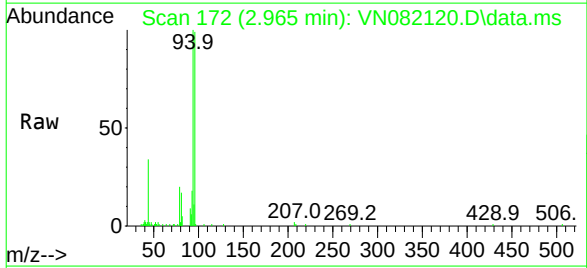
Tgt Ion: 62 Resp: 71650
Ion Ratio Lower Upper
62 100
64 33.1 24.1 36.1





#5
Bromomethane
Concen: 26.661 ug/l
RT: 2.965 min Scan# 171
Delta R.T. 0.047 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

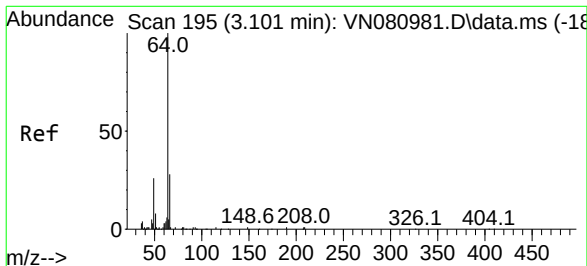
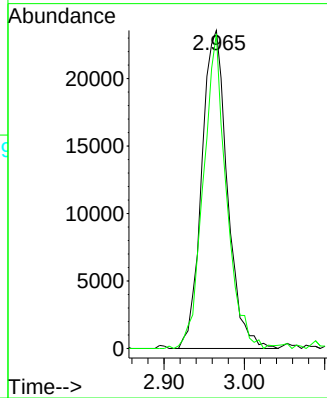
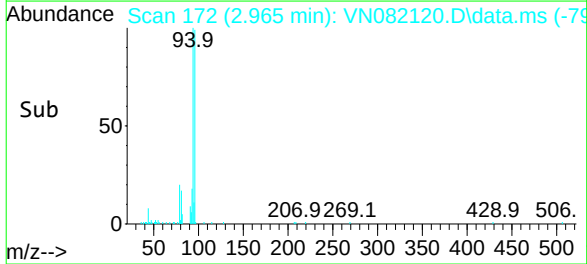
Instrument :
MSVOA_N
ClientSampleId :
VN0514WBSD02



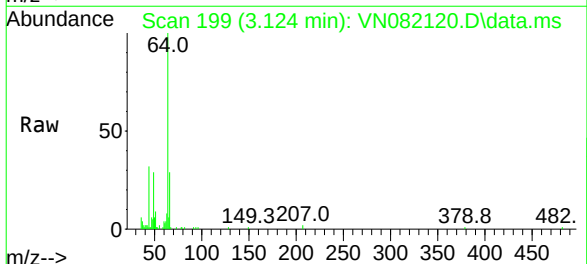
Tgt Ion: 94 Resp: 52221
Ion Ratio Lower Upper
94 100
96 98.1 72.8 109.2

Manual Integrations
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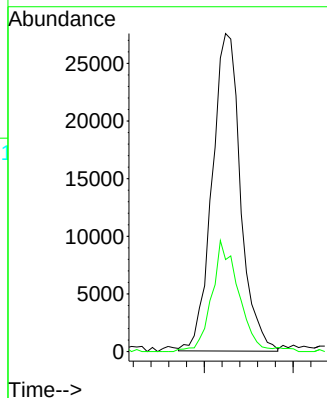
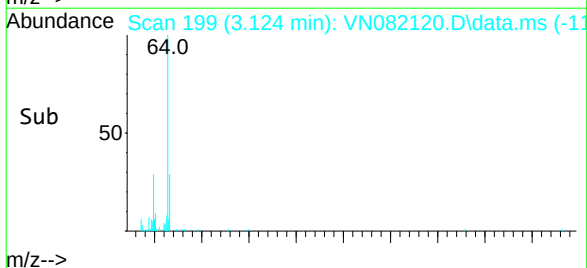
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

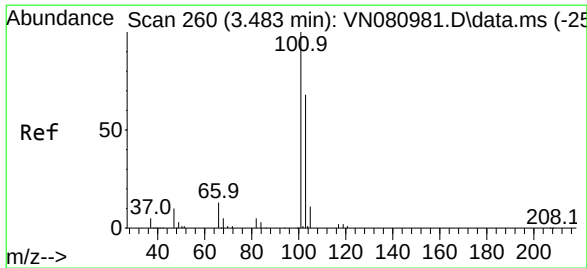


#6
Chloroethane
Concen: 28.811 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.023 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15



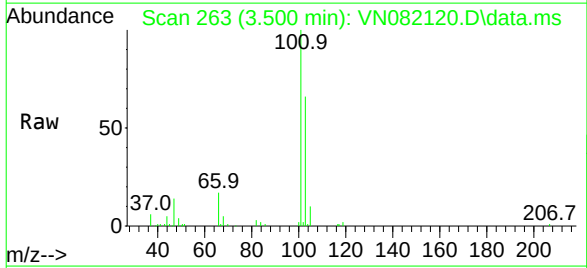
Tgt Ion: 64 Resp: 61241
Ion Ratio Lower Upper
64 100
66 28.4 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 16.325 ug/l
 RT: 3.500 min Scan# 260
 Delta R.T. 0.017 min
 Lab File: VN082120.D
 Acq: 14 May 2024 17:15

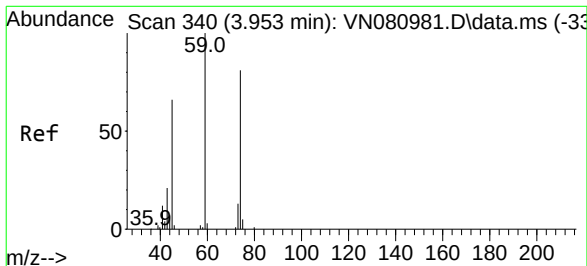
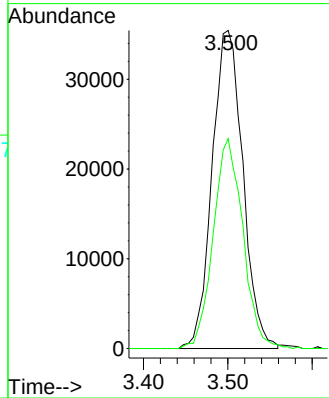
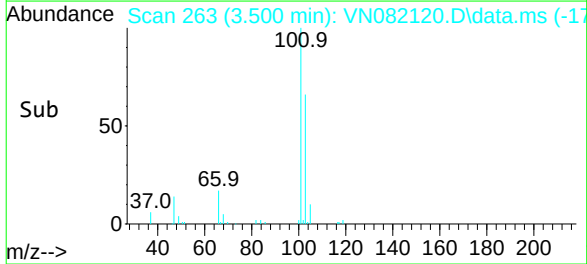
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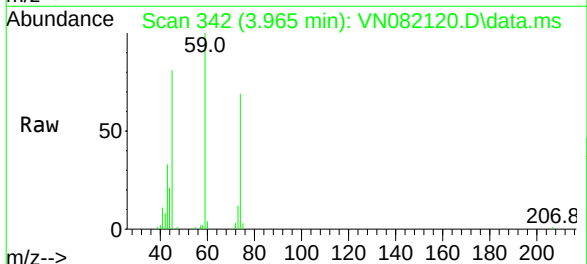
Tgt Ion:101 Resp: 89670
 Ion Ratio Lower Upper
 101 100
 103 66.0 53.0 79.4

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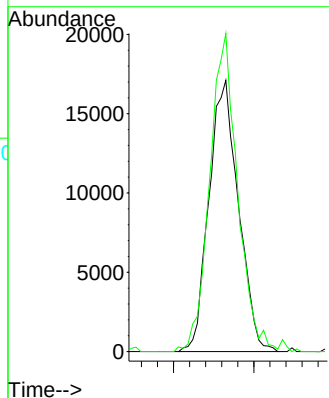
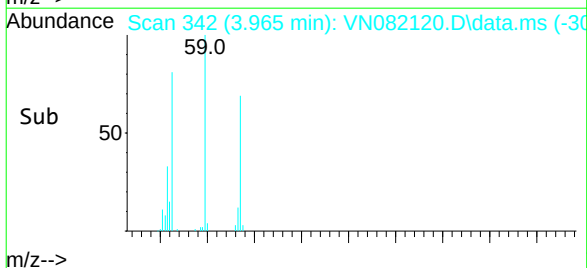
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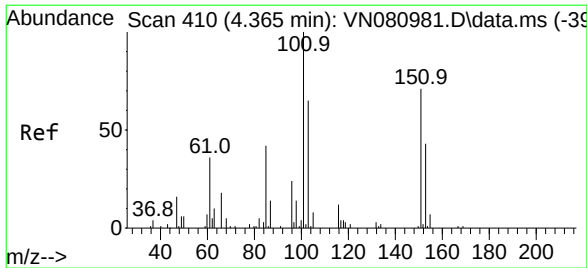


#8
 Diethyl Ether
 Concen: 16.435 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN082120.D
 Acq: 14 May 2024 17:15



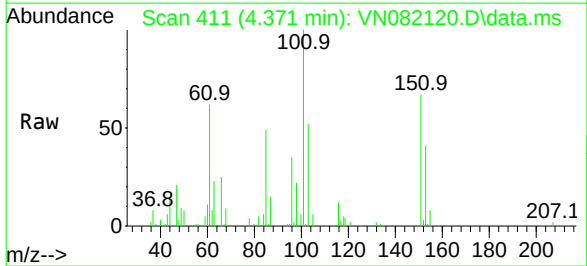
Tgt Ion: 74 Resp: 43699
 Ion Ratio Lower Upper
 74 100
 45 110.4 16.4 147.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.978 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

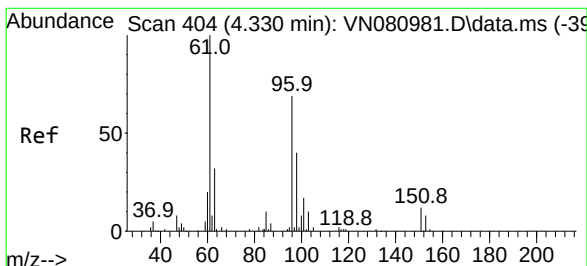
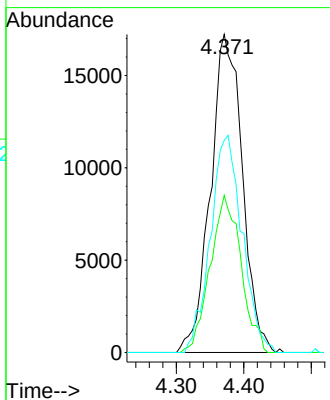
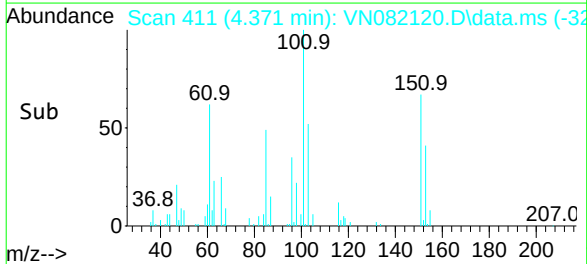
Instrument :
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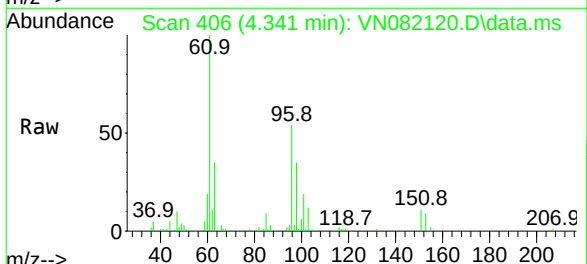
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Ion Ratio Lower Upper
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151 68.2 0.0 157.6

Manual Integrations
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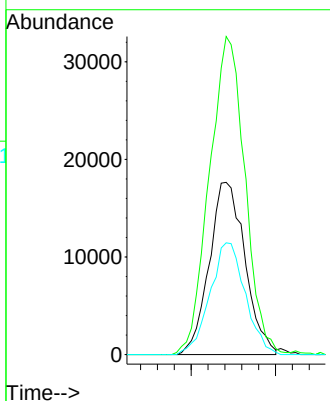
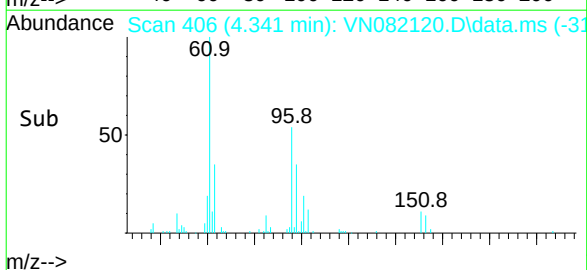
Reviewed By : John Carlone 05/15/2024
Supervised By : Mahesh Dadoda 05/15/2024

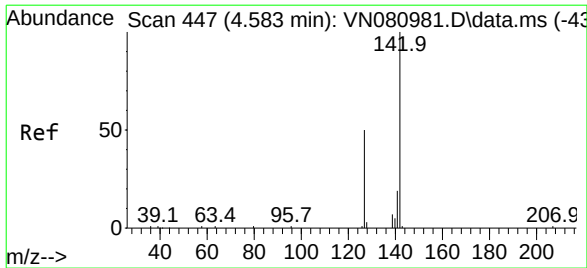


#10
1,1-Dichloroethene
Concen: 14.077 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15



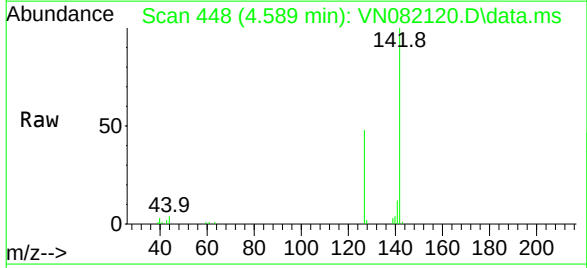
Tgt Ion: 96 Resp: 51921
Ion Ratio Lower Upper
96 100
61 183.4 117.6 176.4#
98 64.9 48.4 72.6





#11
Methyl Iodide
Concen: 17.810 ug/l
RT: 4.589 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

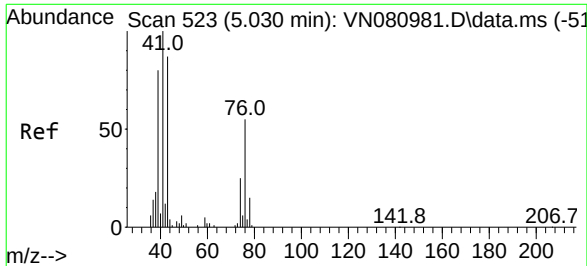
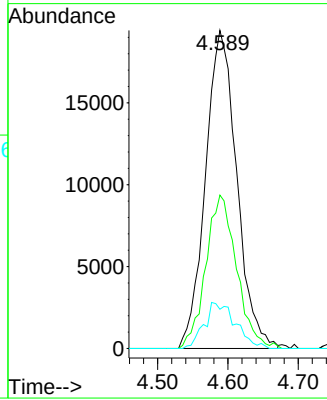
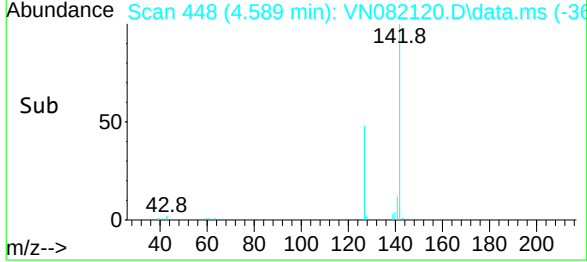
Instrument :
MSVOA_N
ClientSampleId :
VN0514WBSD02



Tgt Ion: 142 Resp: 60005
Ion Ratio Lower Upper
142 100
127 48.1 26.3 78.9
141 12.4 8.3 24.9

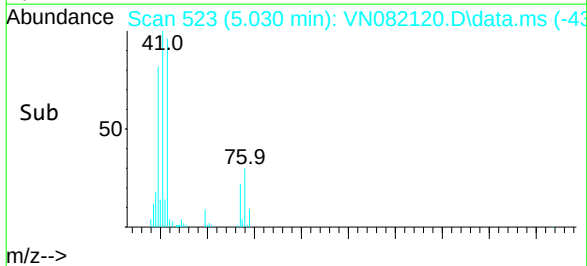
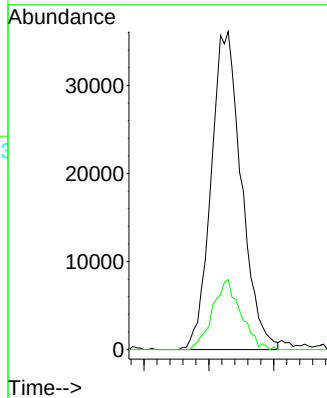
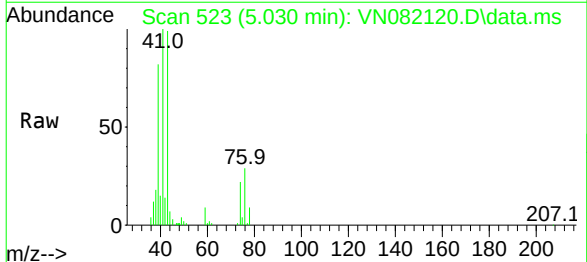
Manual Integrations
APPROVED

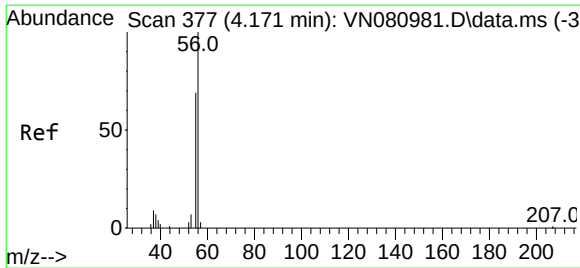
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#12
Methyl Acetate
Concen: 24.904 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

Tgt Ion: 43 Resp: 117431
Ion Ratio Lower Upper
43 100
74 22.3 27.7 41.5#





#13

Acrolein

Concen: 103.253 ug/l

RT: 4.177 min Scan# 37

Delta R.T. 0.006 min

Lab File: VN082120.D

Acq: 14 May 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

VN0514WBSD02

Tgt Ion: 56 Resp: 101391

Ion Ratio Lower Upper

56 100

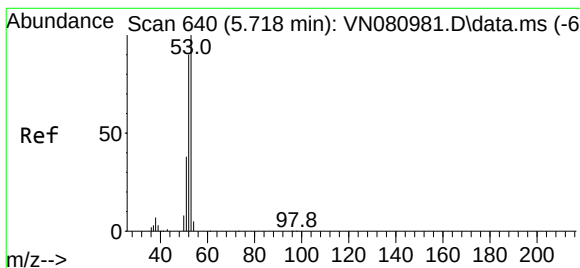
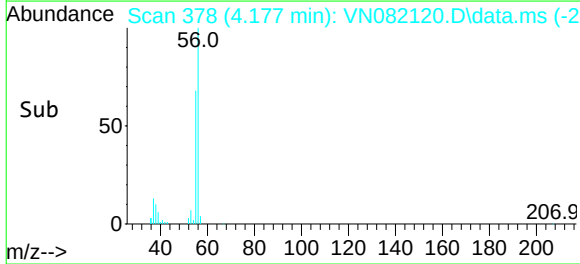
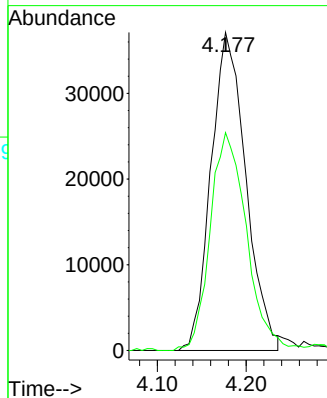
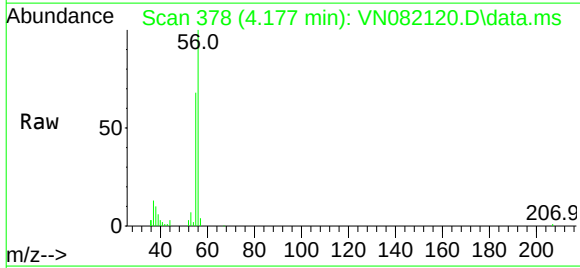
55 70.7 55.5 83.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#14

Acrylonitrile

Concen: 103.506 ug/l

RT: 5.724 min Scan# 641

Delta R.T. 0.006 min

Lab File: VN082120.D

Acq: 14 May 2024 17:15

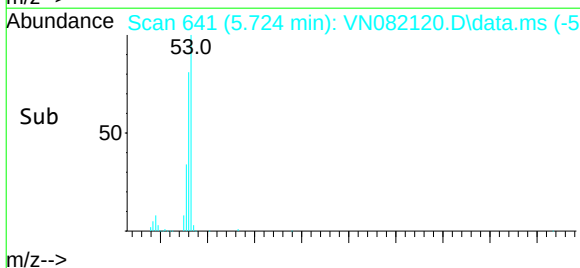
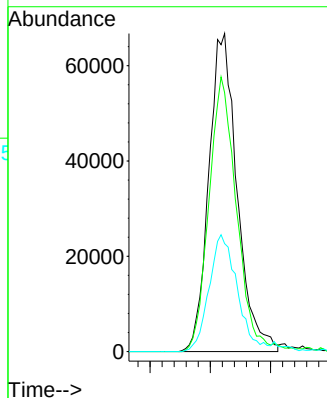
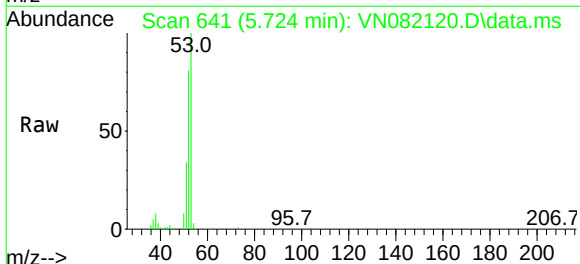
Tgt Ion: 53 Resp: 217908

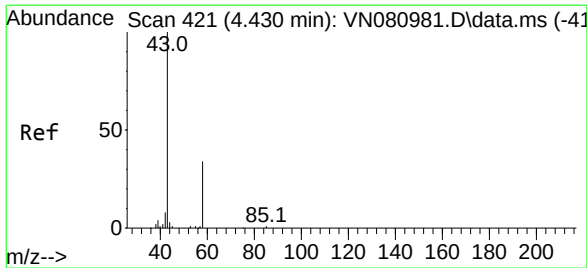
Ion Ratio Lower Upper

53 100

52 83.3 41.3 123.9

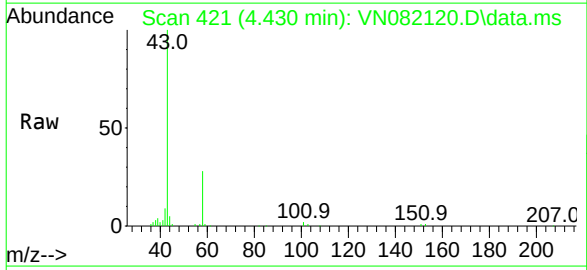
51 36.7 16.8 50.3





#15
Acetone
Concen: 99.288 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

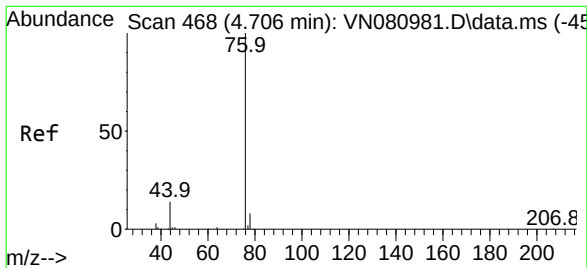
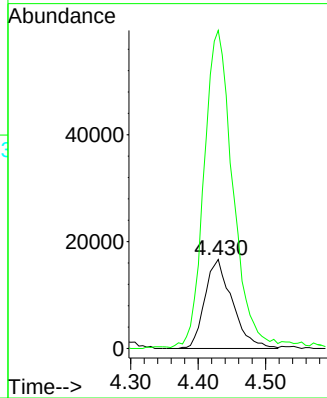
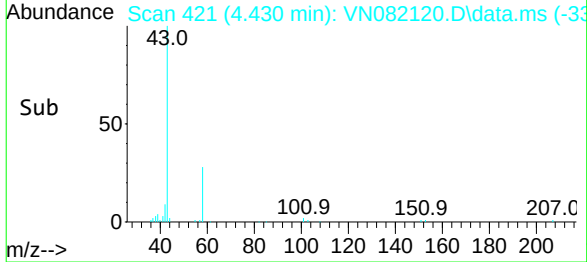
Instrument :
MSVOA_N
ClientSampleId :
VN0514WBSD02



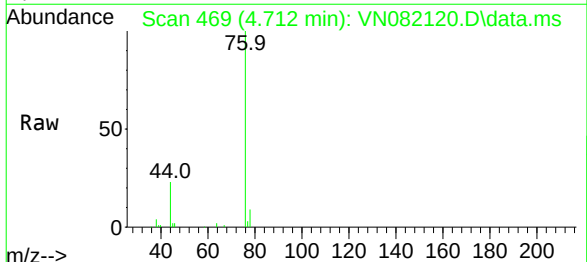
Tgt Ion: 58 Resp: 47141
Ion Ratio Lower Upper
58 100
43 351.8 223.1 334.7#

Manual Integrations
APPROVED

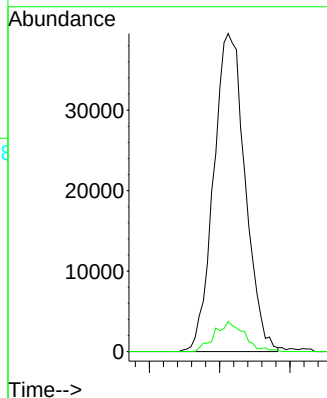
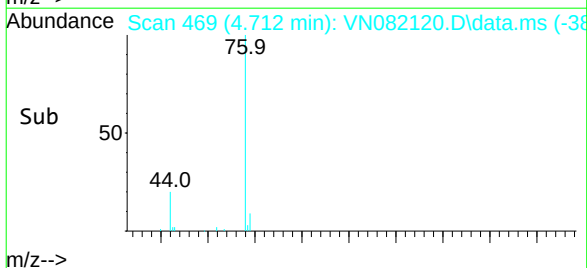
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

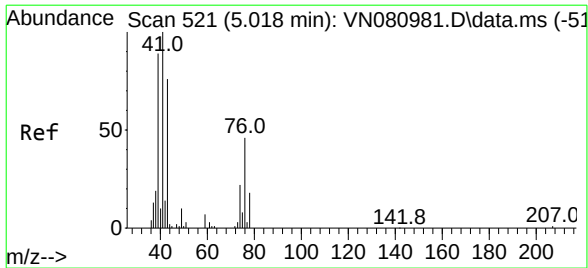


#16
Carbon Disulfide
Concen: 12.041 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15



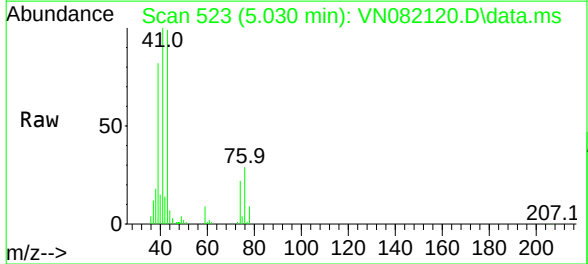
Tgt Ion: 76 Resp: 122894
Ion Ratio Lower Upper
76 100
78 9.5 6.3 9.5#





#17
 Allyl chloride
 Concen: 17.084 ug/l
 RT: 5.030 min Scan# 521
 Delta R.T. 0.012 min
 Lab File: VN082120.D
 Acq: 14 May 2024 17:15

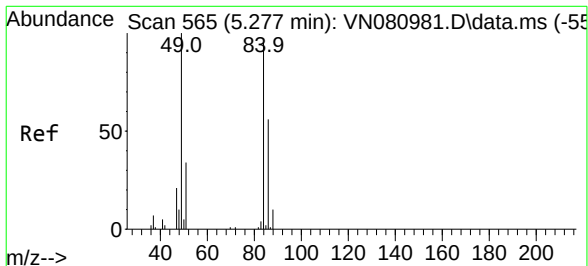
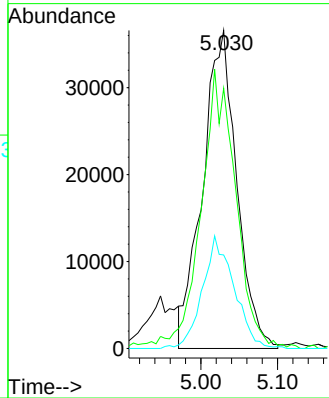
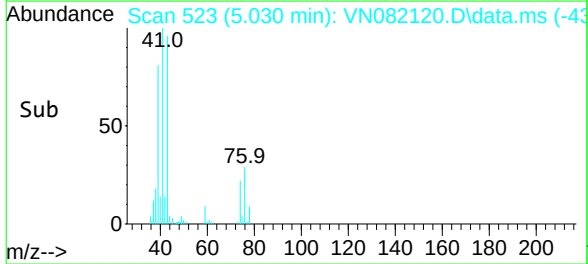
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0514WBSD02



Tgt Ion:	41	Resp:	112791
Ion	Ratio	Lower	Upper
41	100		
39	81.8	37.6	112.9
76	29.2	27.8	83.4

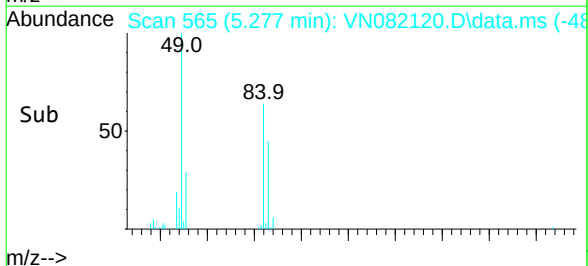
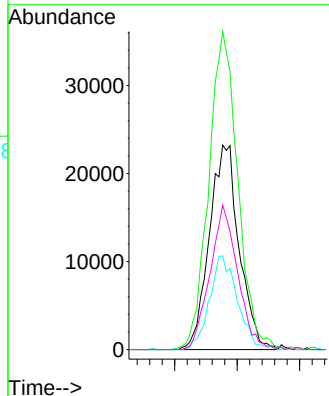
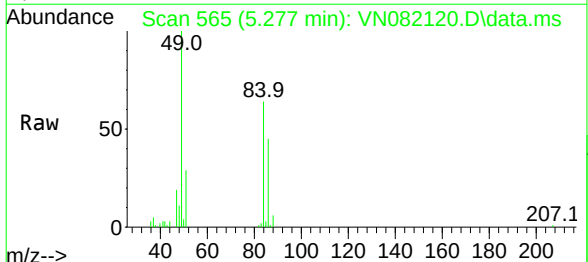
Manual Integrations
 APPROVED

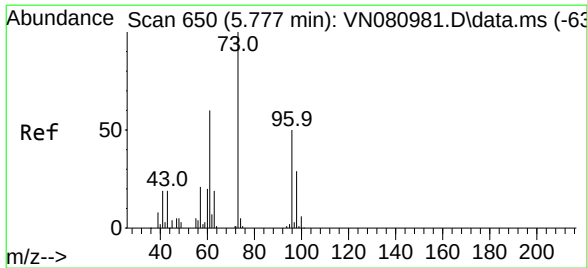
Reviewed By :John Carlone 05/15/2024
 Supervised By :Mahesh Dadoda 05/15/2024



#18
 Methylene Chloride
 Concen: 18.378 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.000 min
 Lab File: VN082120.D
 Acq: 14 May 2024 17:15

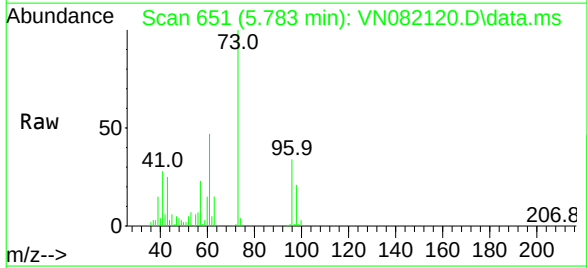
Tgt Ion:	84	Resp:	77032
Ion	Ratio	Lower	Upper
84	100		
49	154.4	86.0	129.0#
51	45.8	30.0	45.0#
86	70.6	53.0	79.4





#19
trans-1,2-Dichloroethene
Concen: 15.537 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

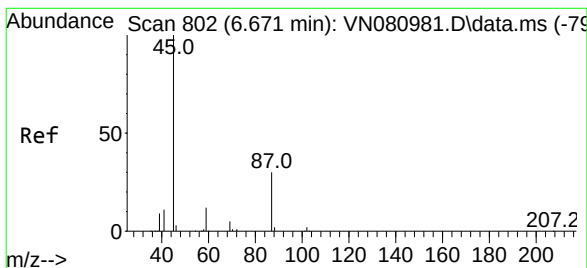
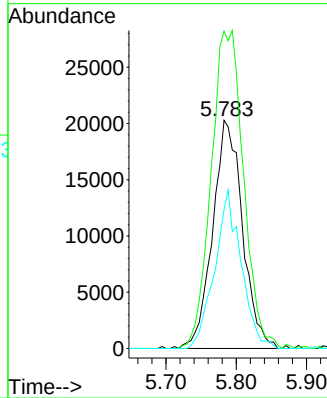
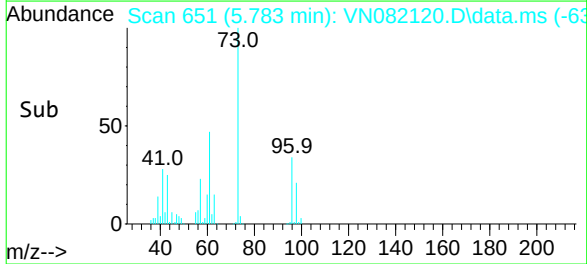
Instrument :
MSVOA_N
ClientSampleId :
VN0514WBSD02



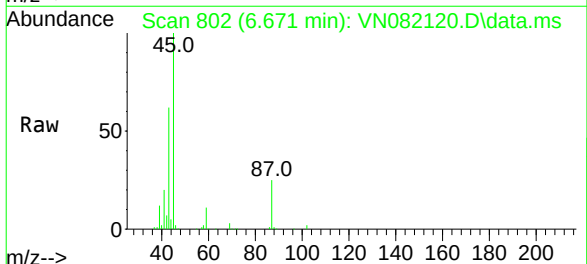
Tgt Ion: 96 Resp: 59651
Ion Ratio Lower Upper
96 100
61 139.1 111.8 167.6
98 60.9 49.2 73.8

Manual Integrations
APPROVED

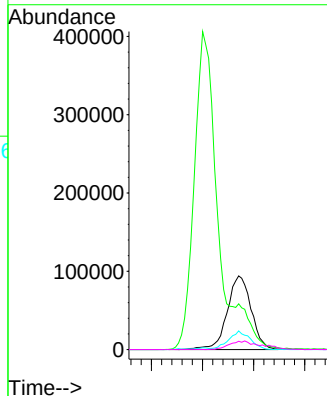
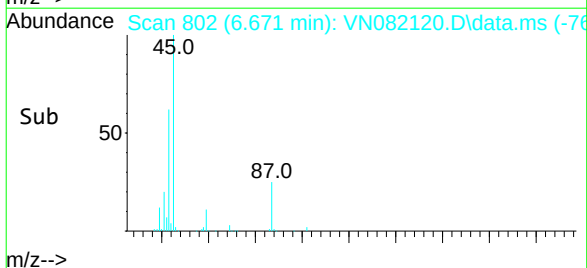
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

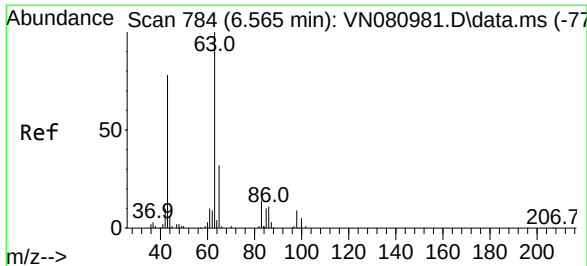


#20
Diisopropyl ether
Concen: 21.363 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15



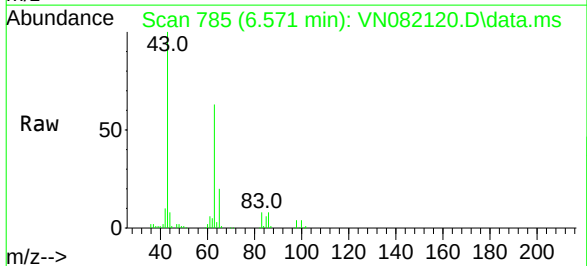
Tgt Ion: 45 Resp: 305714
Ion Ratio Lower Upper
45 100
43 59.3 40.4 60.6
87 25.2 23.8 35.8
59 11.3 9.8 14.6





#21
1,1-Dichloroethane
Concen: 19.468 ug/l
RT: 6.571 min Scan# 784
Delta R.T. 0.006 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

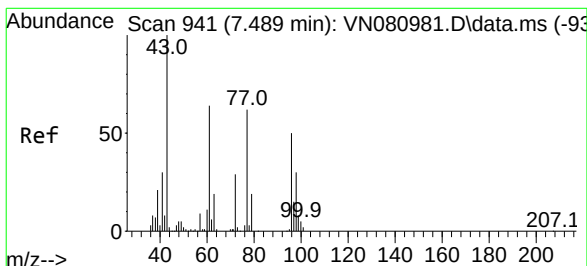
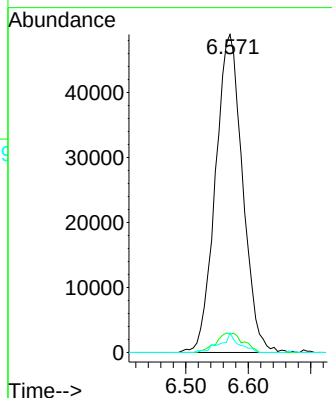
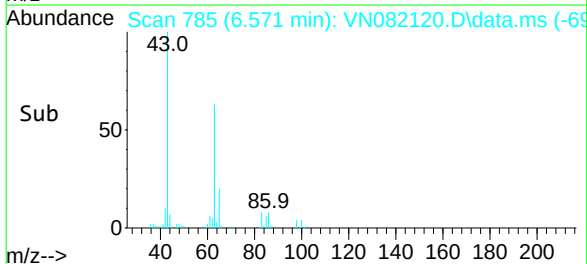
Instrument :
MSVOA_N
ClientSampleId :
VN0514WBSD02



Tgt Ion: 63 Resp: 147509
Ion Ratio Lower Upper
63 100
98 5.7 4.1 12.3
100 6.1 3.0 9.0

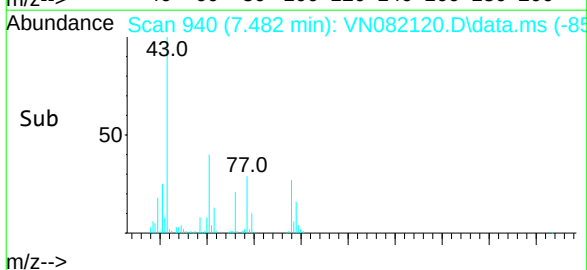
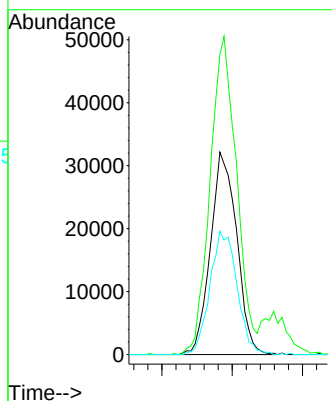
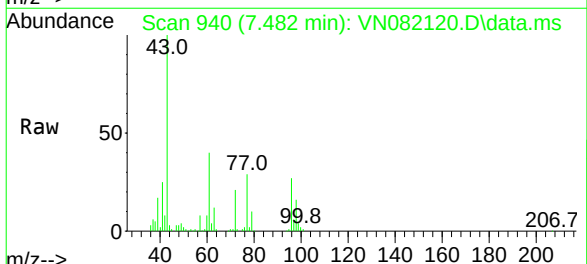
Manual Integrations
APPROVED

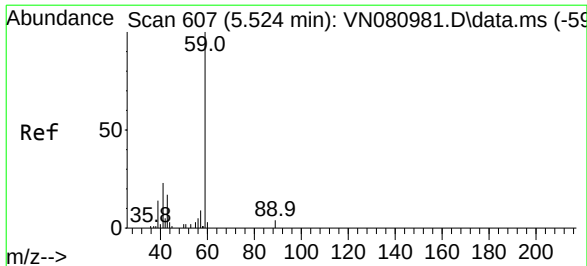
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#22
cis-1,2-Dichloroethene
Concen: 17.818 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

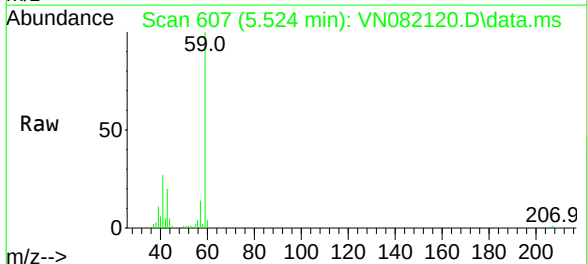
Tgt Ion: 96 Resp: 83548
Ion Ratio Lower Upper
96 100
61 159.1 113.5 170.3
98 63.0 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 97.929 ug/l m
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

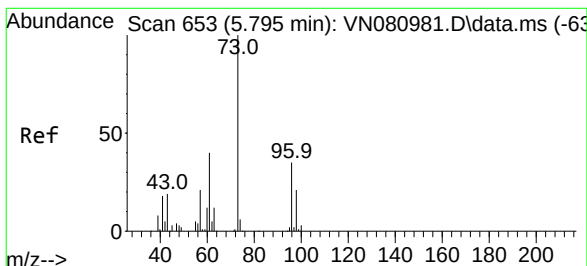
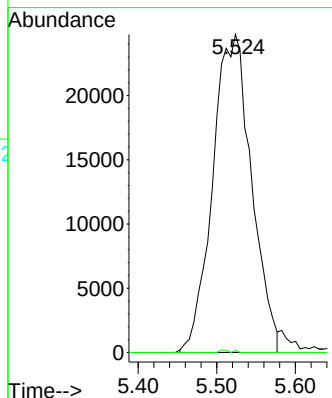
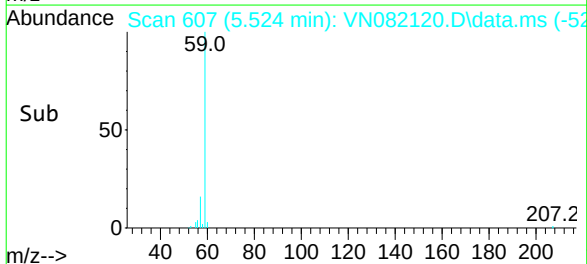
Instrument :
MSVOA_N
ClientSampleId :
VN0514WBSD02



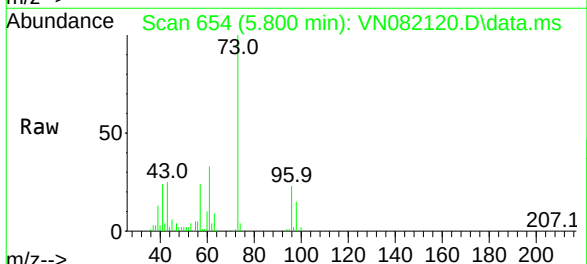
Tgt Ion: 59 Resp: 84939
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0#

Manual Integrations
APPROVED

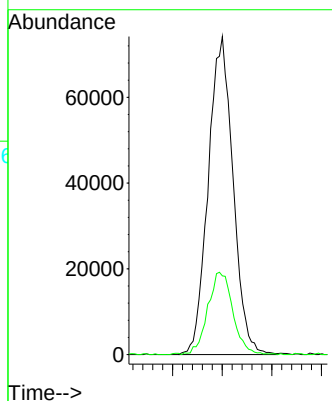
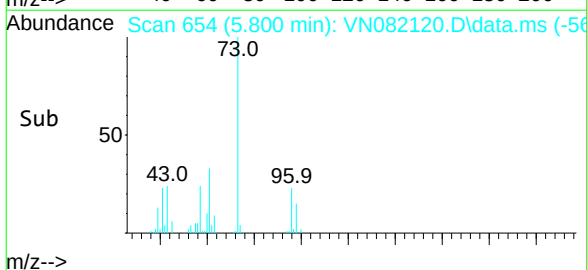
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

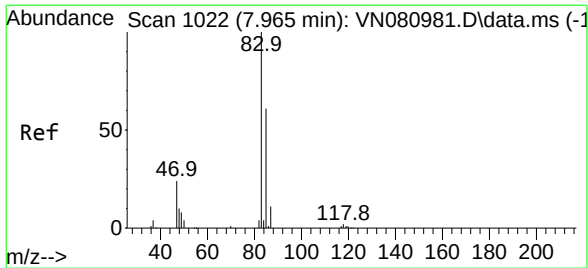


#24
Methyl tert-Butyl Ether
Concen: 19.410 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.006 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15



Tgt Ion: 73 Resp: 257818
Ion Ratio Lower Upper
73 100
43 25.9 13.4 20.2#





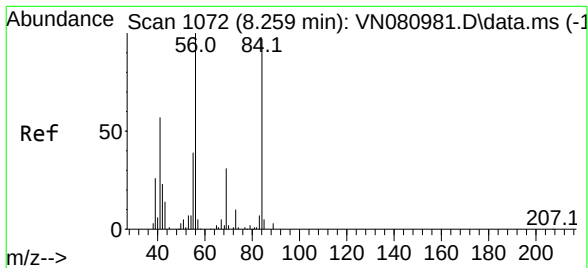
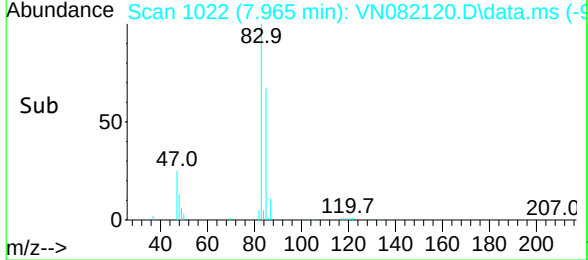
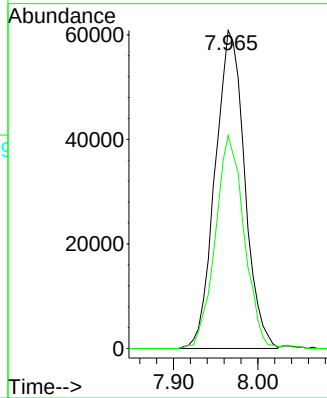
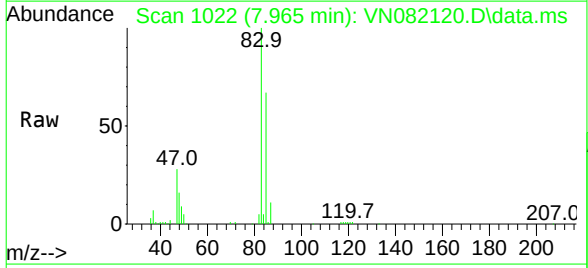
#25
Chloroform
Concen: 20.280 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBSD02

Tgt Ion: 83 Resp: 147836
Ion Ratio Lower Upper
83 100
85 67.0 50.9 76.3

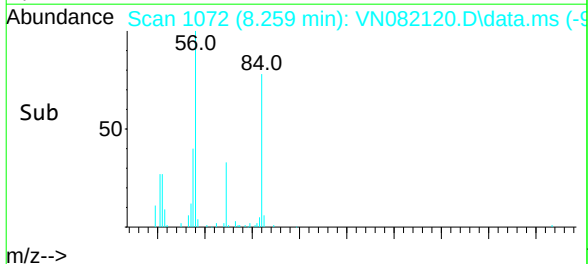
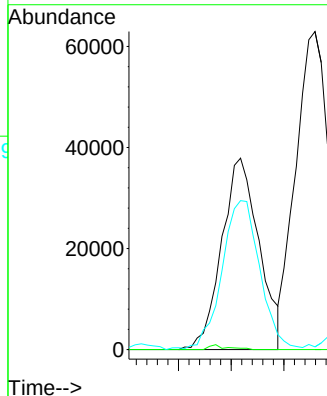
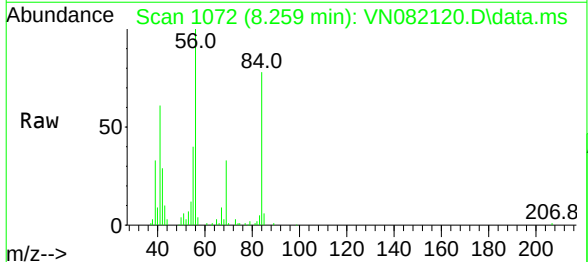
Manual Integrations
APPROVED

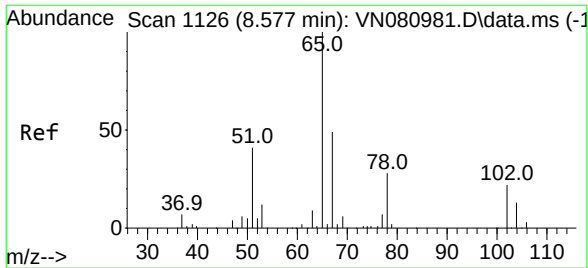
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#26
Cyclohexane
Concen: 14.363 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

Tgt Ion: 56 Resp: 93550
Ion Ratio Lower Upper
56 100
89 0.5 19.3 28.9#
84 78.5 71.3 106.9





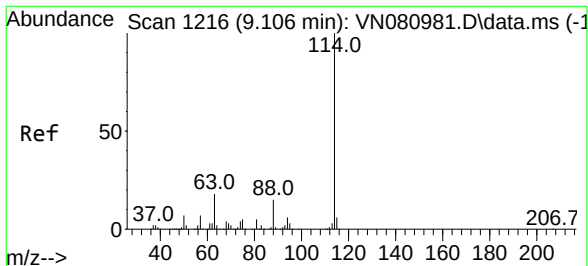
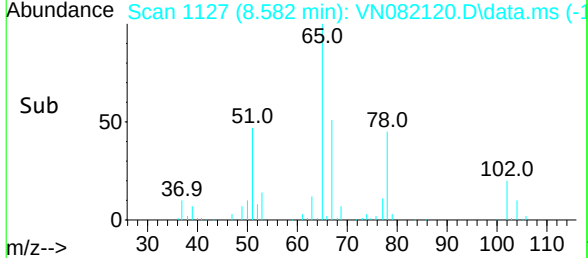
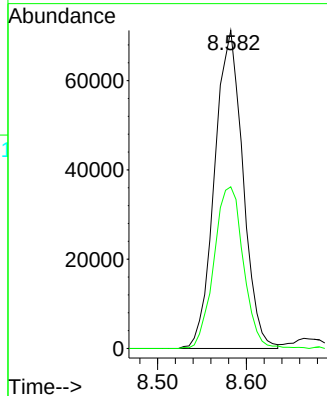
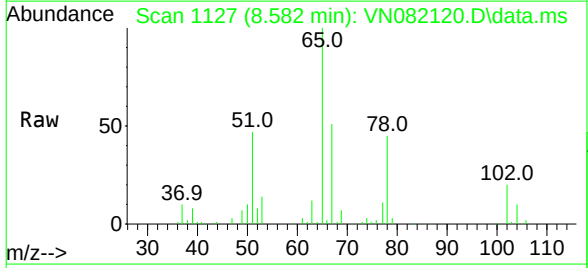
#27
1,2-Dichloroethane-d4
Concen: 31.214 ug/l
RT: 8.582 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBSD02

Tgt Ion: 65 Resp: 157746
Ion Ratio Lower Upper
65 100
67 52.8 43.2 64.8

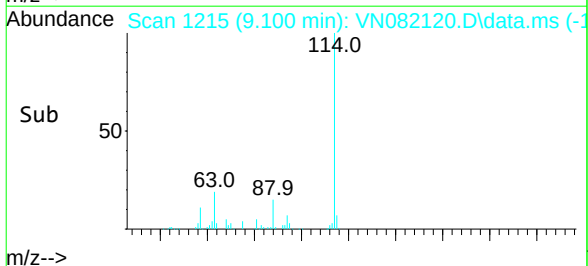
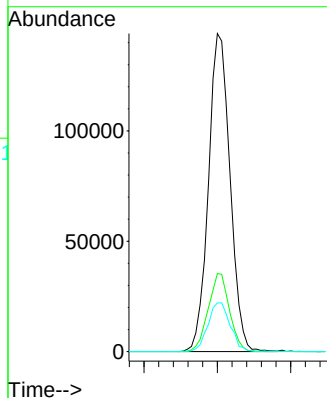
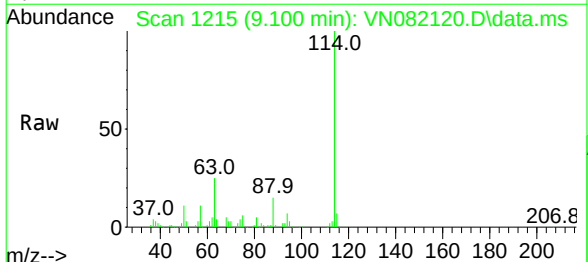
Manual Integrations
APPROVED

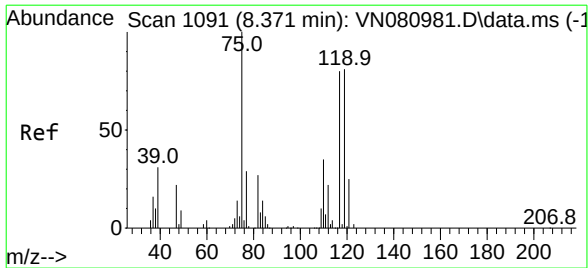
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

Tgt Ion:114 Resp: 294409
Ion Ratio Lower Upper
114 100
63 24.2 15.9 23.9#
88 15.8 12.7 19.1





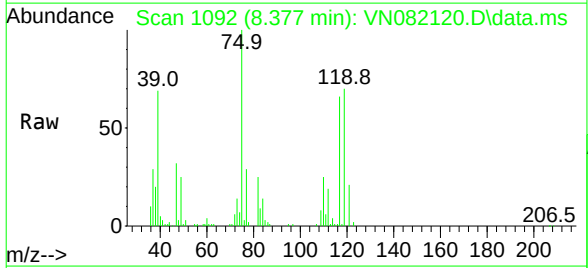
#29
1,1-Dichloropropene
Concen: 19.570 ug/l
RT: 8.377 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

VN0514WBSD02



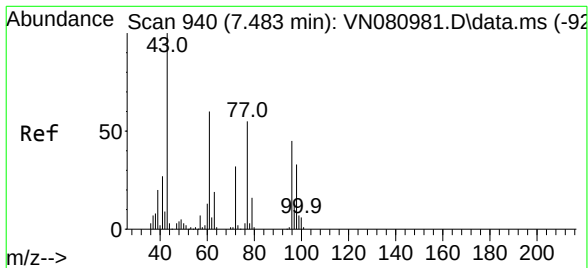
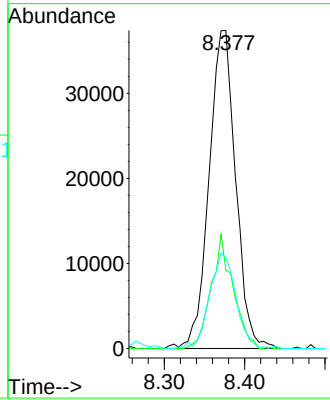
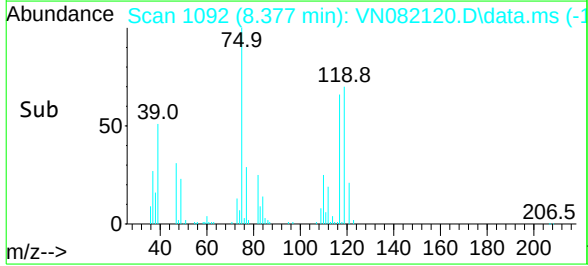
Tgt Ion: 75 Resp: 85778
Ion Ratio Lower Upper
75 100
110 29.6 0.0 70.2
77 29.6 0.0 61.4

Manual Integrations

APPROVED

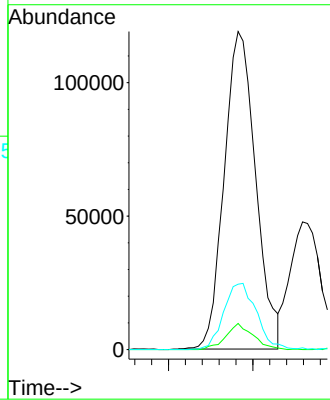
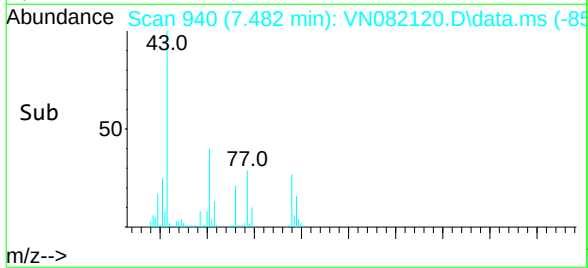
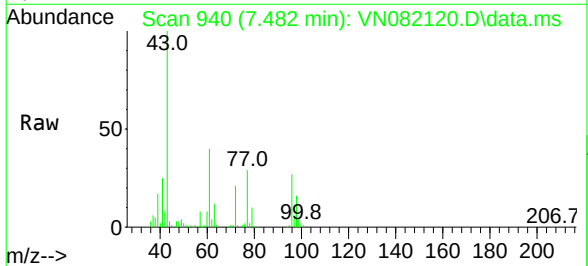
Reviewed By :John Carlone 05/15/2024

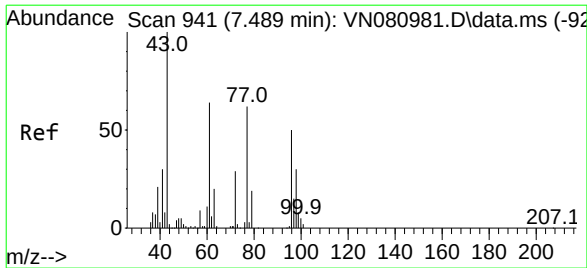
Supervised By :Mahesh Dadoda 05/15/2024



#30
2-Butanone
Concen: 136.603 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

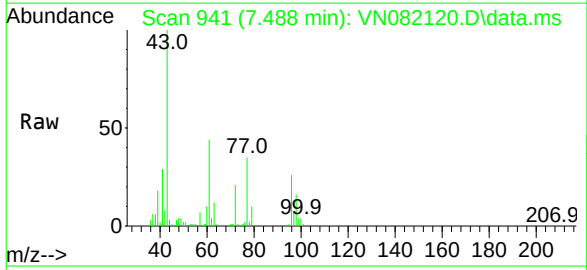
Tgt Ion: 43 Resp: 308632
Ion Ratio Lower Upper
43 100
57 7.1 6.7 10.1
72 21.6 24.0 36.0#





#31
2,2-Dichloropropane
Concen: 24.724 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

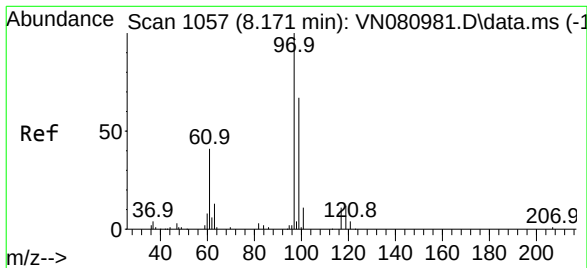
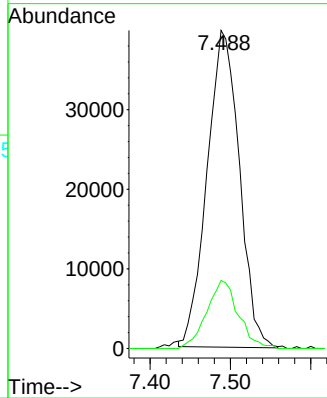
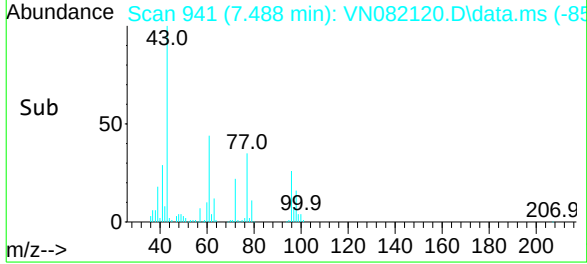
Instrument :
MSVOA_N
ClientSampleId :
VN0514WBSD02



Tgt Ion: 77 Resp: 111054
Ion Ratio Lower Upper
77 100
97 20.9 18.3 27.5

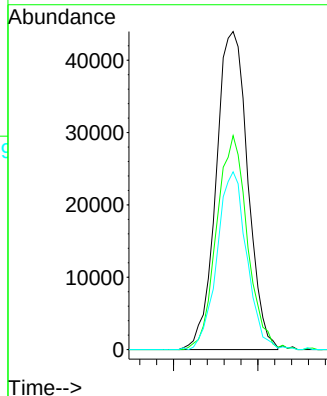
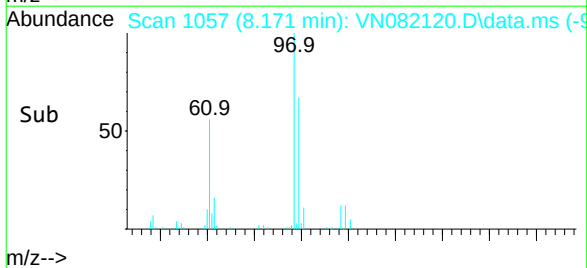
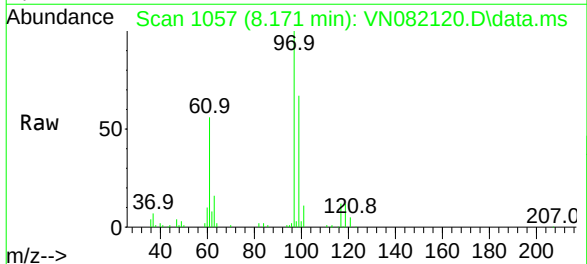
Manual Integrations
APPROVED

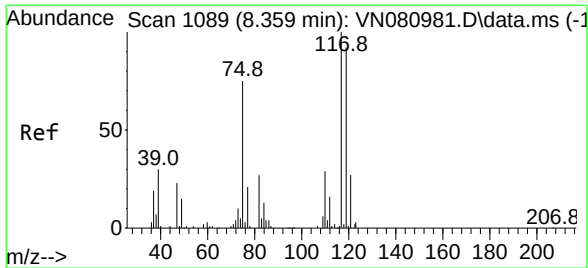
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#32
1,1,1-Trichloroethane
Concen: 22.737 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

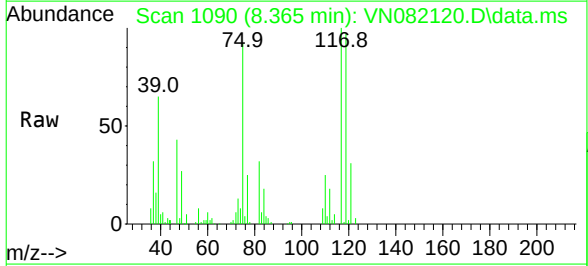
Tgt Ion: 97 Resp: 114616
Ion Ratio Lower Upper
97 100
99 64.9 51.0 76.4
61 52.1 33.8 50.8#





#33
Carbon Tetrachloride
Concen: 21.712 ug/l
RT: 8.365 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

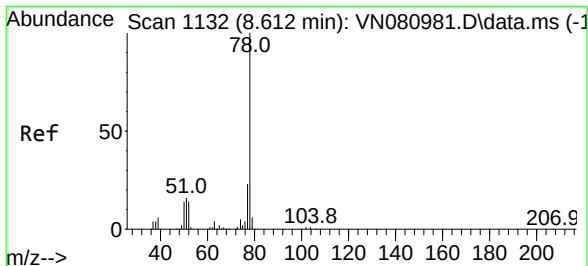
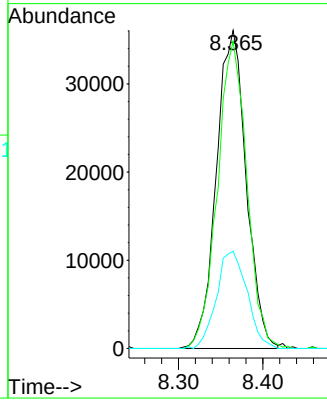
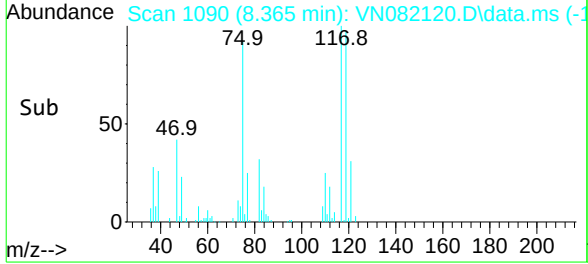
Instrument :
MSVOA_N
ClientSampleId :
VN0514WBSD02



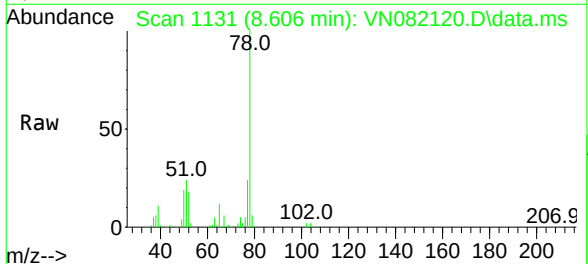
Tgt Ion:117 Resp: 88824
Ion Ratio Lower Upper
117 100
119 96.6 77.7 116.5
121 30.6 27.0 40.6

Manual Integrations
APPROVED

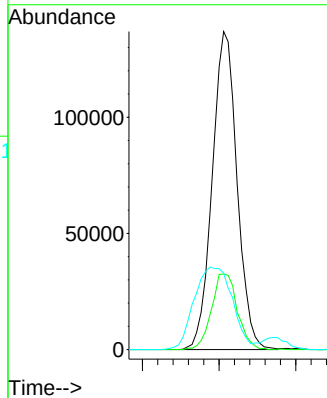
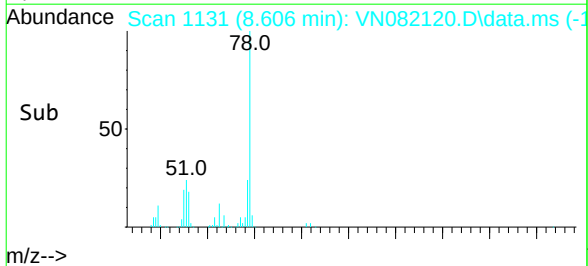
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

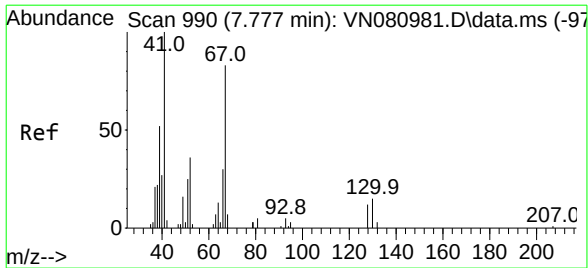


#34
Benzene
Concen: 21.981 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15



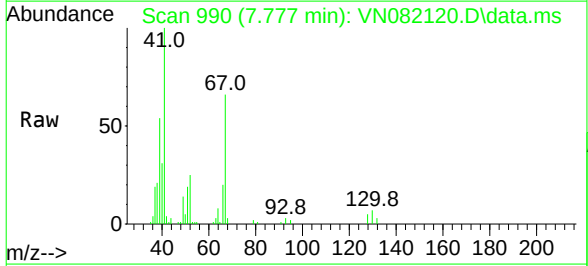
Tgt Ion: 78 Resp: 307363
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8
51 22.6 13.3 19.9#





#35
Methacrylonitrile
Concen: 25.253 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

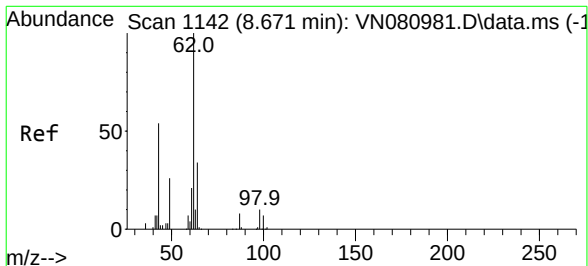
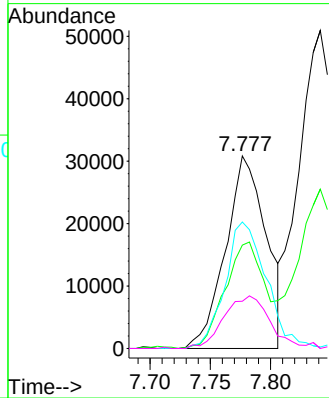
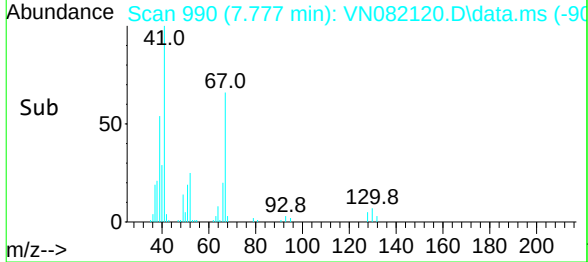
Instrument :
MSVOA_N
ClientSampleId :
VN0514WBSD02



Tgt Ion: 41 Resp: 72182
Ion Ratio Lower Upper
41 100
39 53.7 25.3 75.9
67 65.7 38.7 116.1
52 24.5 13.6 40.8

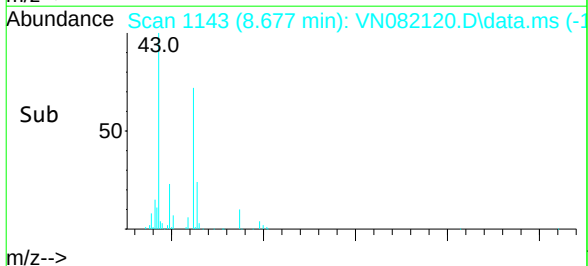
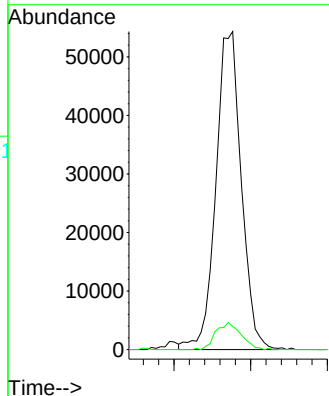
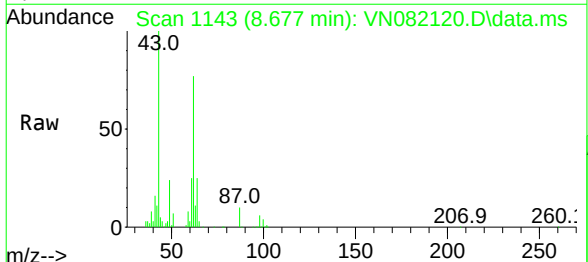
Manual Integrations
APPROVED

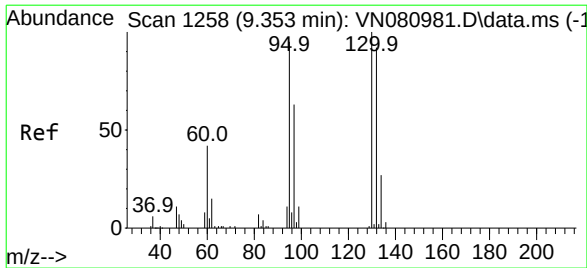
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#36
1,2-Dichloroethane
Concen: 26.651 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

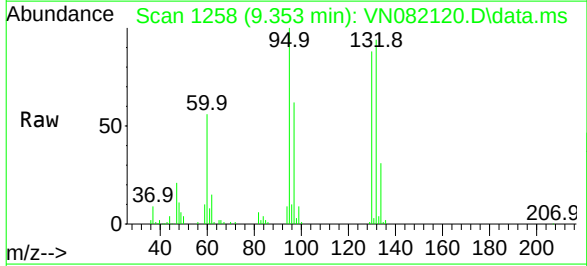
Tgt Ion: 62 Resp: 125100
Ion Ratio Lower Upper
62 100
98 8.4 8.2 12.4





#37
Trichloroethene
Concen: 17.961 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

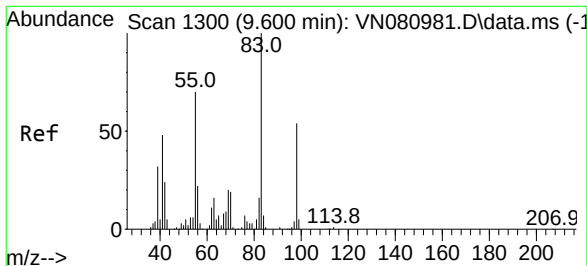
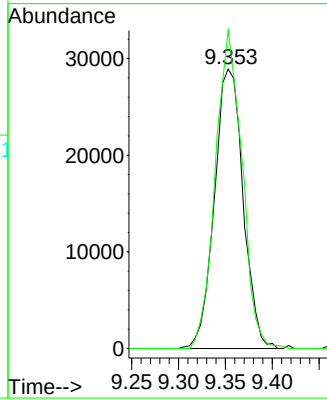
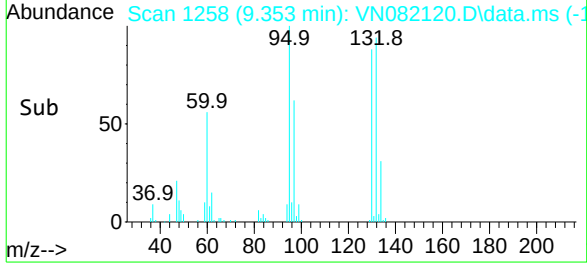
Instrument :
MSVOA_N
ClientSampleId :
VN0514WBSD02



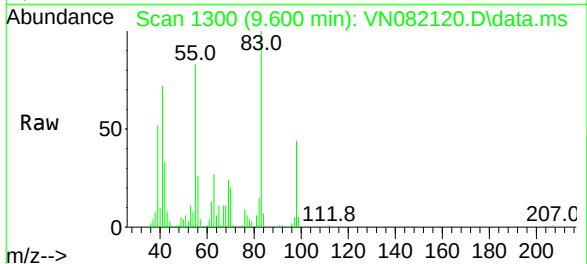
Tgt Ion:130 Resp: 61512
Ion Ratio Lower Upper
130 100
95 113.8 80.2 120.4

Manual Integrations
APPROVED

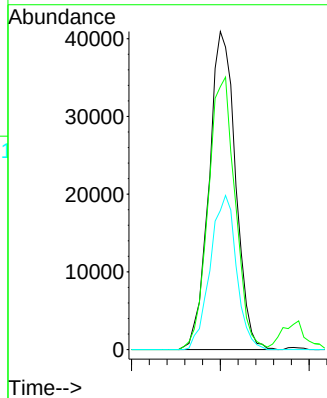
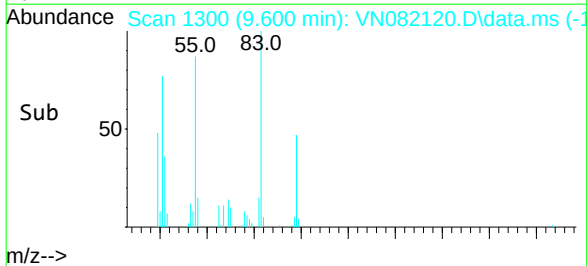
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

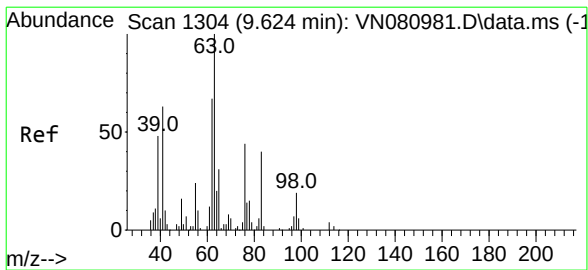


#38
Methylcyclohexane
Concen: 16.056 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15



Tgt Ion: 83 Resp: 85015
Ion Ratio Lower Upper
83 100
55 86.9 36.6 109.9
98 47.8 23.8 71.5





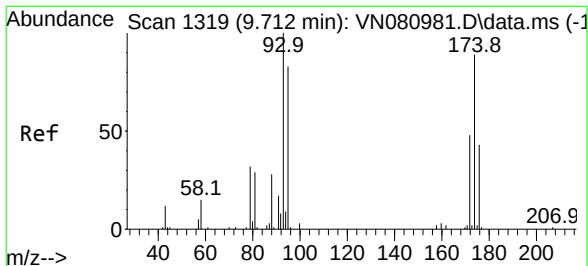
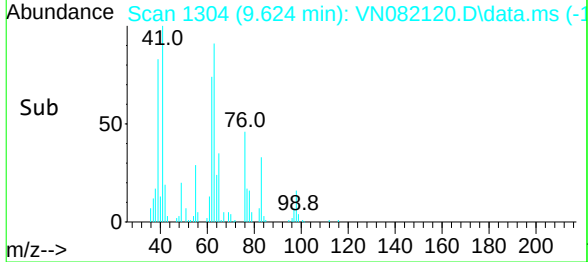
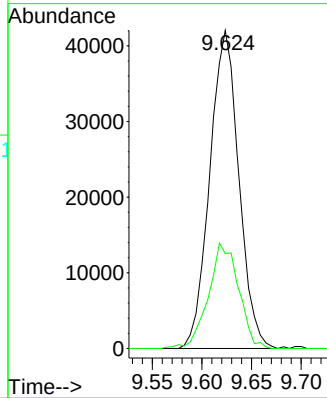
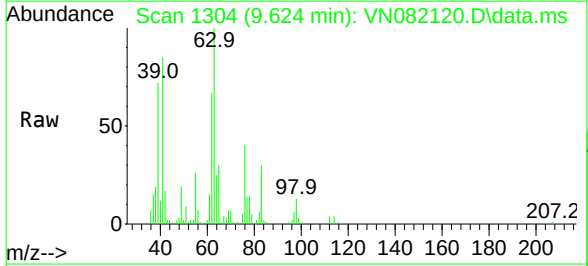
#39
1,2-Dichloropropane
Concen: 23.833 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBSD02

Tgt Ion: 63 Resp: 85510
Ion Ratio Lower Upper
63 100
65 29.9 25.0 37.4

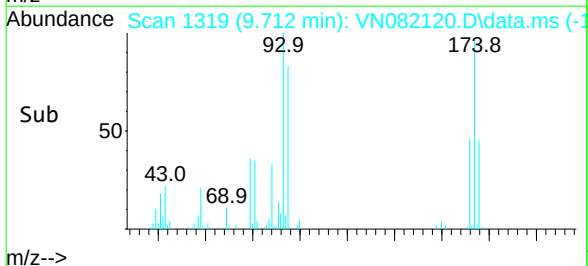
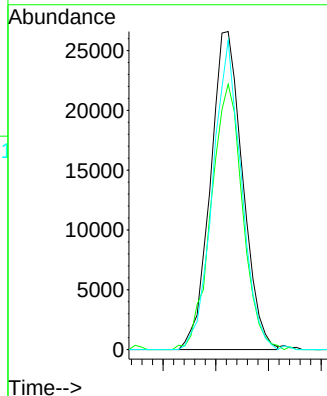
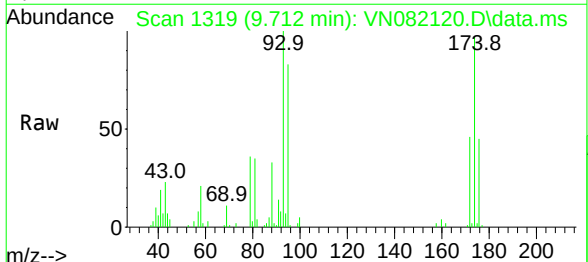
Manual Integrations
APPROVED

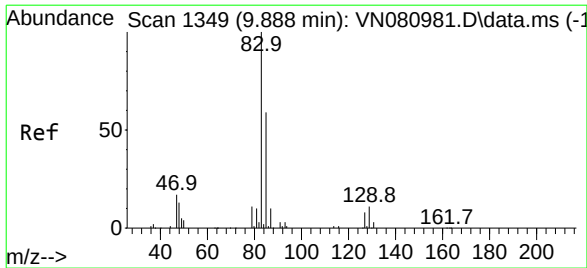
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#40
Dibromomethane
Concen: 24.501 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

Tgt Ion: 93 Resp: 56472
Ion Ratio Lower Upper
93 100
95 81.3 0.0 164.6
174 86.5 0.0 193.2





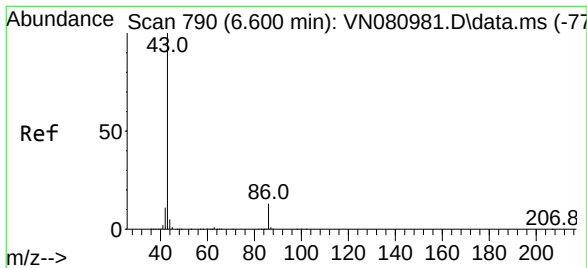
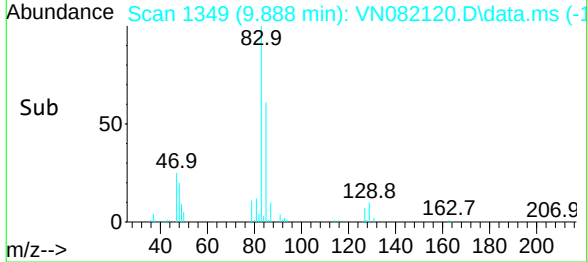
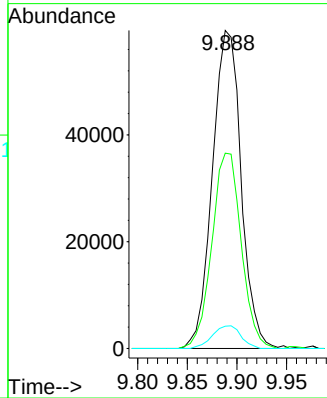
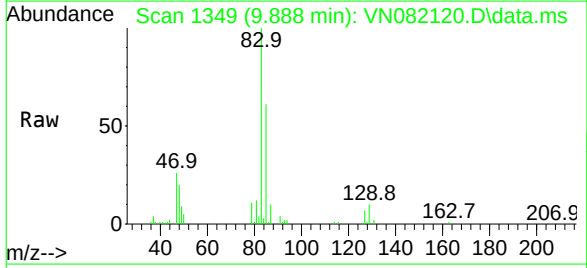
#41
Bromodichloromethane
Concen: 24.332 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBSD02

Tgt Ion: 83 Resp: 119871
Ion Ratio Lower Upper
83 100
85 61.4 49.4 74.2
127 7.0 7.3 10.9#

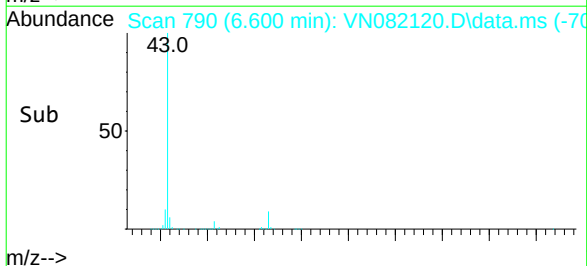
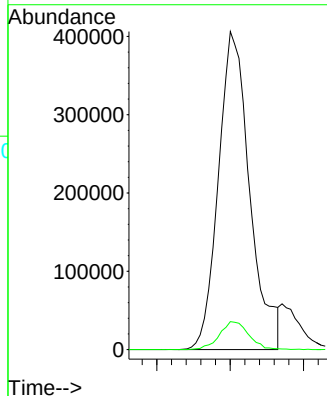
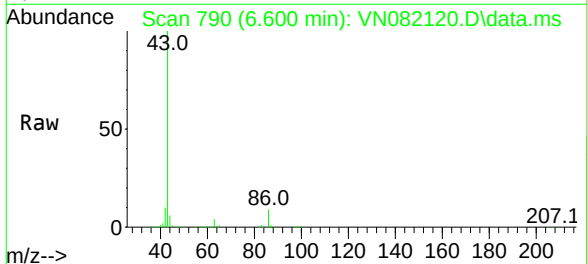
Manual Integrations
APPROVED

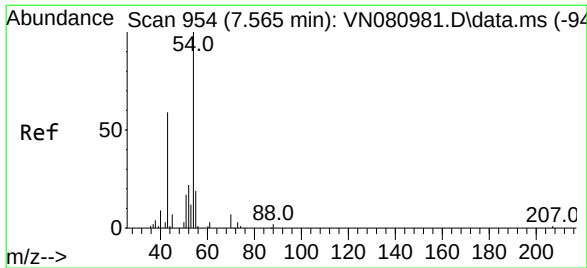
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#42
Vinyl Acetate
Concen: 125.354 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

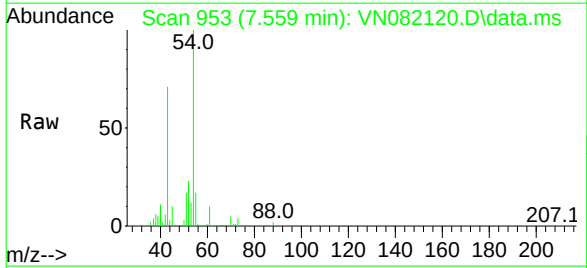
Tgt Ion: 43 Resp: 1205462
Ion Ratio Lower Upper
43 100
86 8.2 9.4 14.2#





#43
Ethyl Acetate
Concen: 23.271 ug/l
RT: 7.559 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

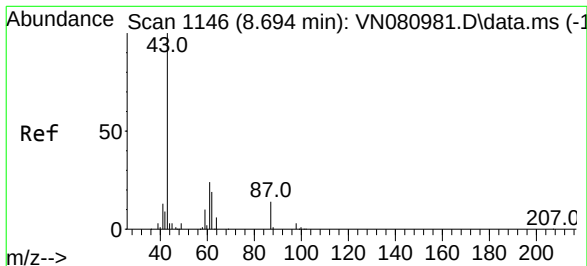
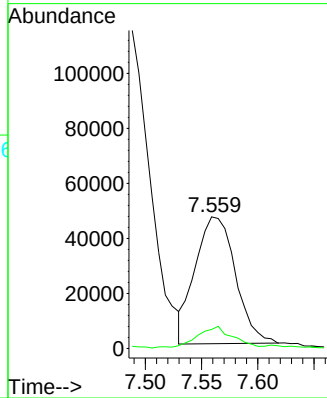
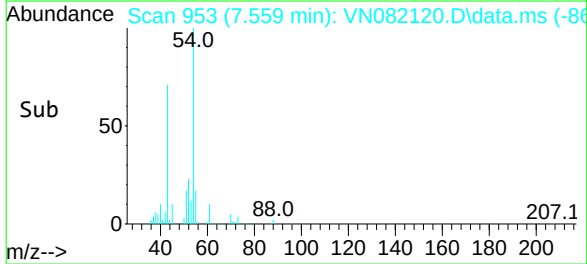
Instrument :
MSVOA_N
ClientSampleId :
VN0514WBSD02



Tgt Ion: 43 Resp: 115025
Ion Ratio Lower Upper
43 100
45 13.7 10.6 15.8

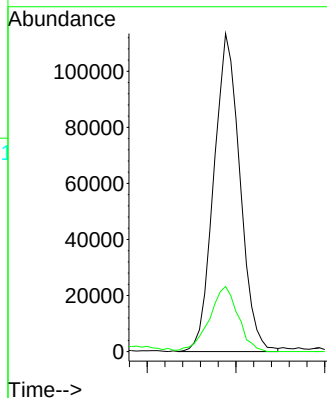
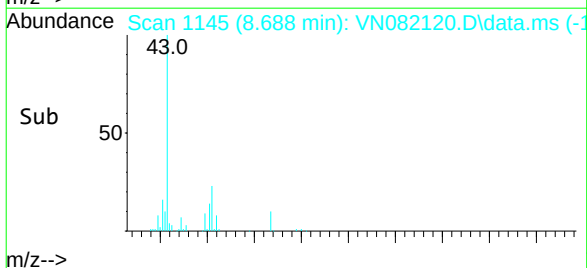
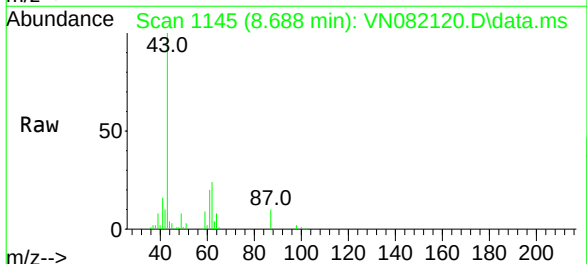
Manual Integrations
APPROVED

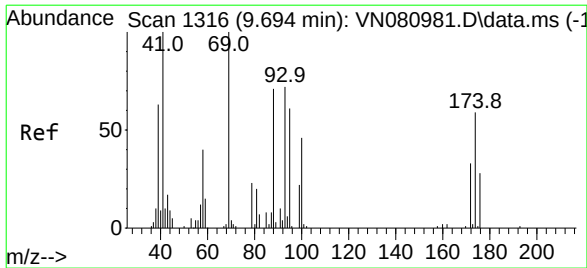
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#44
Isopropyl Acetate
Concen: 26.574 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

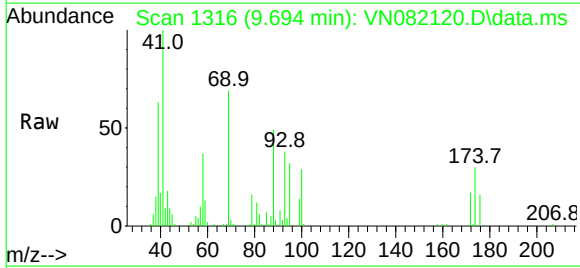
Tgt Ion: 43 Resp: 232375
Ion Ratio Lower Upper
43 100
61 22.5 25.0 37.4#





#45
1,4-Dioxane
Concen: 453.352 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

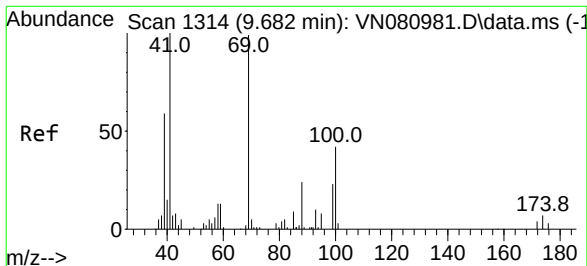
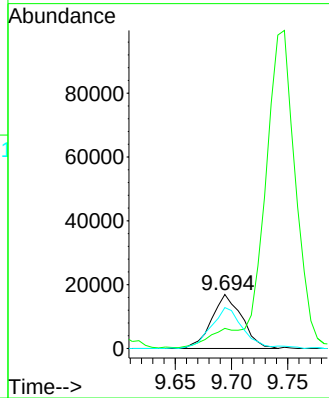
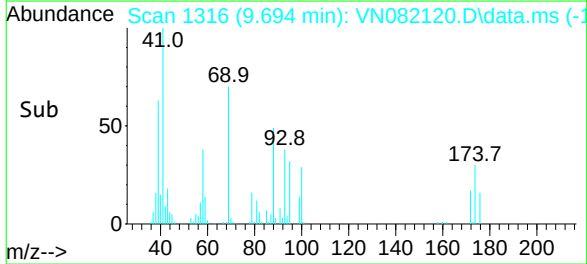
Instrument :
MSVOA_N
ClientSampleId :
VN0514WBSD02



Tgt Ion: 88 Resp: 31796
Ion Ratio Lower Upper
88 100
43 36.0 19.8 29.6#
58 77.9 55.4 83.0

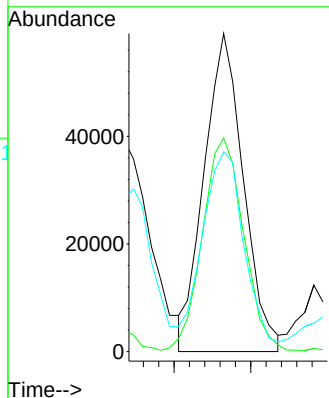
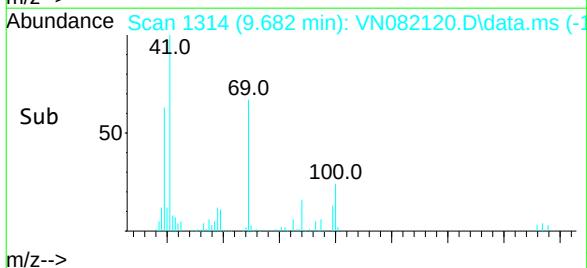
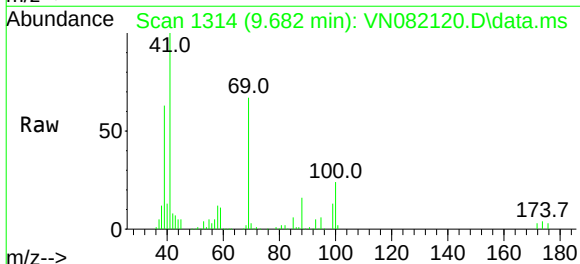
Manual Integrations
APPROVED

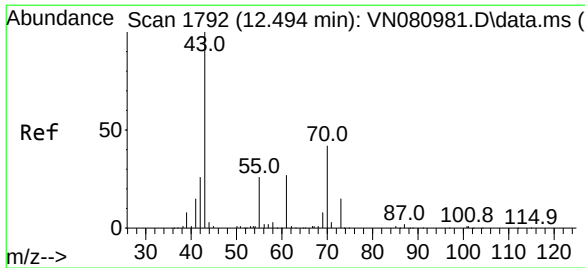
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#46
Methyl methacrylate
Concen: 26.346 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

Tgt Ion: 41 Resp: 105263
Ion Ratio Lower Upper
41 100
69 68.5 51.1 153.3
39 63.0 25.8 77.3





#47

n-amy1 Acetate

Concen: 24.217 ug/l m

RT: 12.494 min Scan# 17

Delta R.T. -0.000 min

Lab File: VN082120.D

Acq: 14 May 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

VN0514WBSD02

Tgt Ion: 43 Resp: 190963

Ion Ratio Lower Upper

43 100

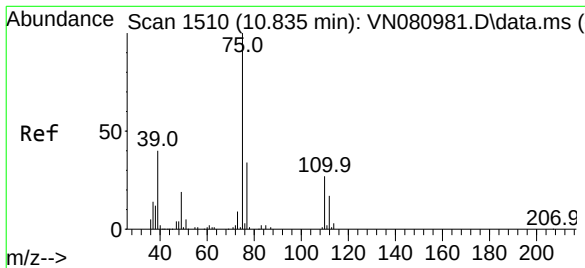
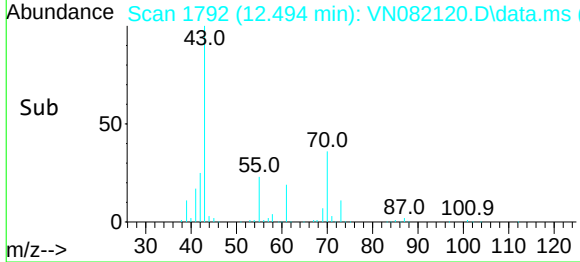
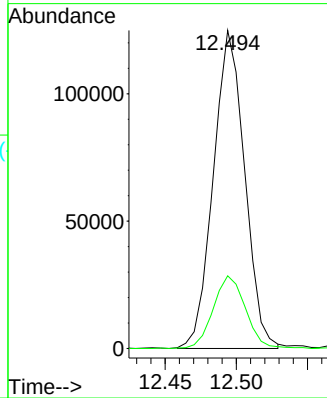
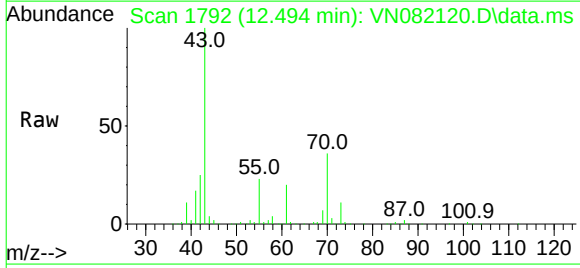
55 0.0 23.4 35.2#

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#48

t-1,3-Dichloropropene

Concen: 22.332 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. -0.000 min

Lab File: VN082120.D

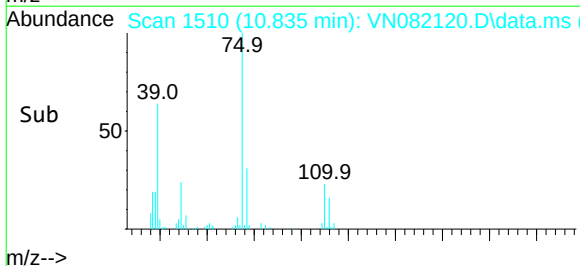
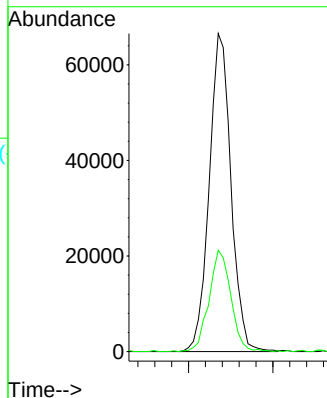
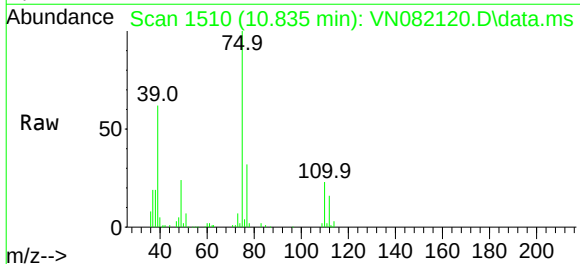
Acq: 14 May 2024 17:15

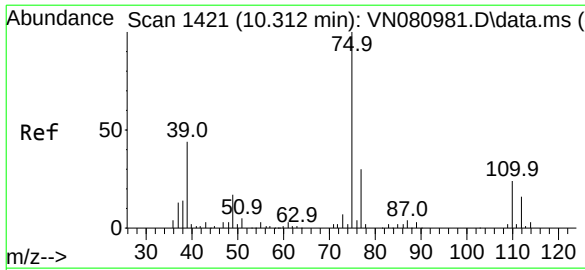
Tgt Ion: 75 Resp: 119309

Ion Ratio Lower Upper

75 100

77 31.9 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 22.955 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.000 min

Lab File: VN082120.D

Acq: 14 May 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

VN0514WBSD02

Tgt Ion: 75 Resp: 129661

Ion Ratio Lower Upper

75 100

77 28.9 24.9 37.3

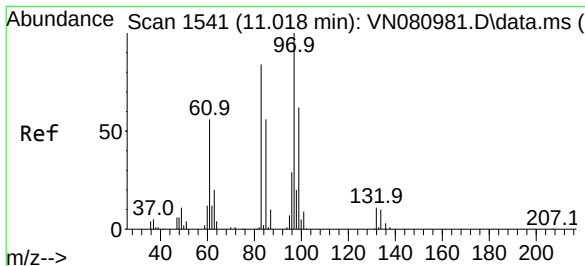
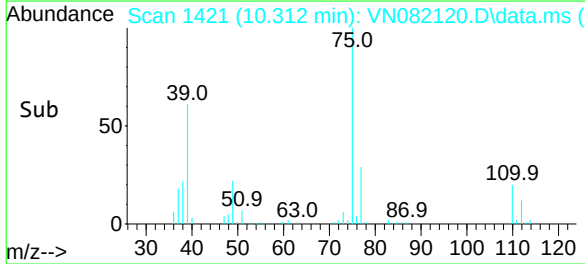
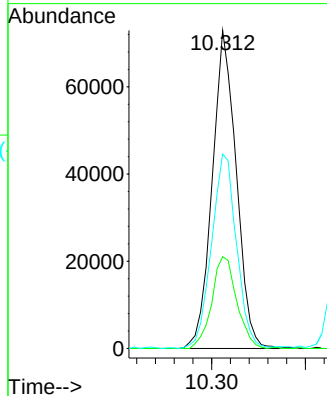
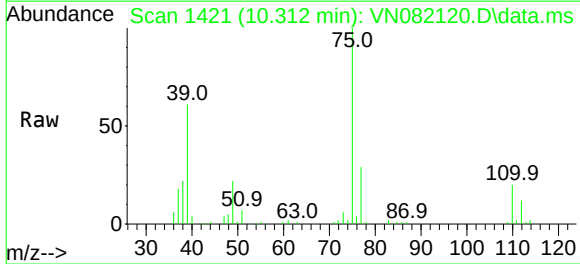
39 61.1 31.0 46.6#

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#50

1,1,2-Trichloroethane

Concen: 25.007 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN082120.D

Acq: 14 May 2024 17:15

Tgt Ion: 97 Resp: 78199

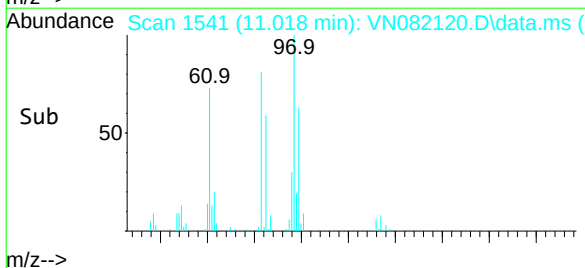
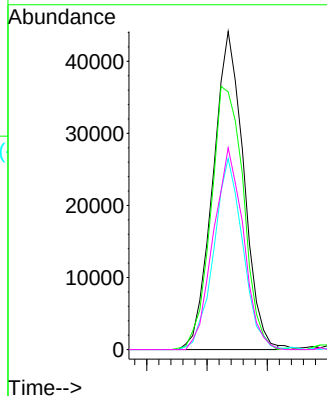
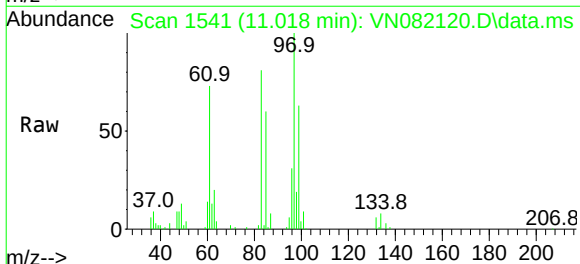
Ion Ratio Lower Upper

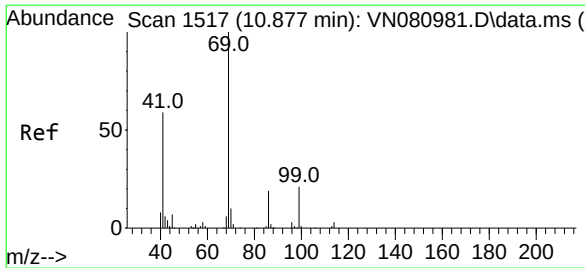
97 100

83 81.0 68.1 102.1

85 60.1 41.8 62.6

99 63.4 47.0 70.4





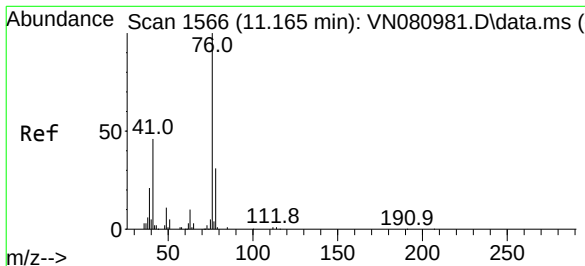
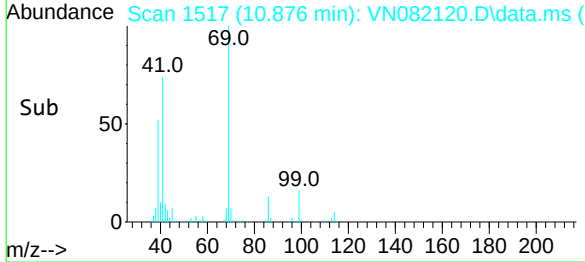
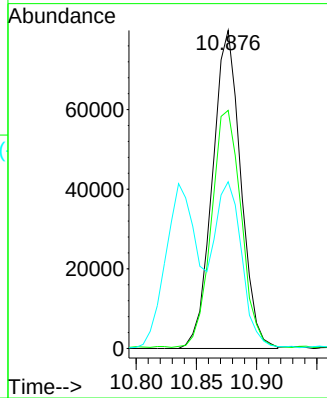
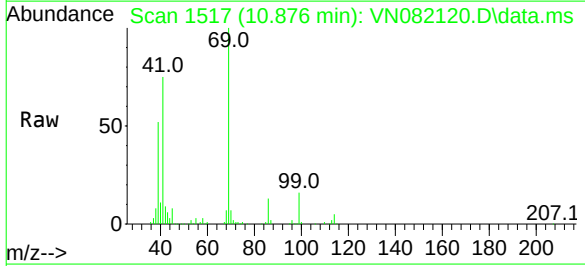
#51
Ethyl methacrylate
Concen: 22.109 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBSD02

Tgt Ion: 69 Resp: 130483
Ion Ratio Lower Upper
69 100
41 74.3 25.5 76.5
39 51.1 16.0 47.9#

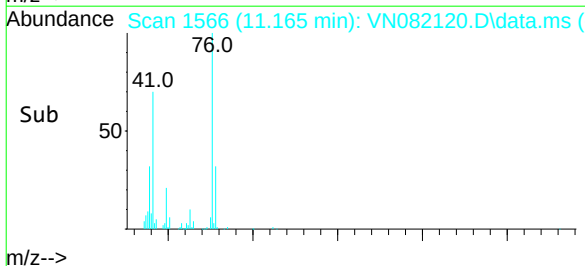
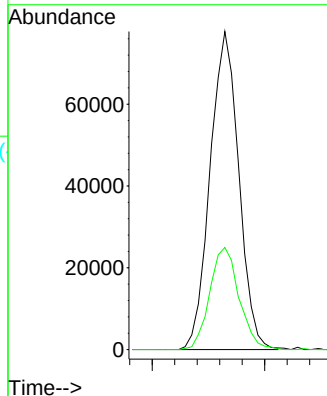
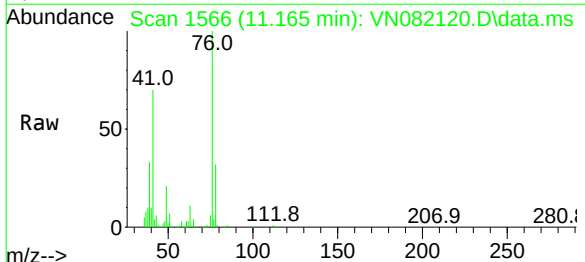
Manual Integrations
APPROVED

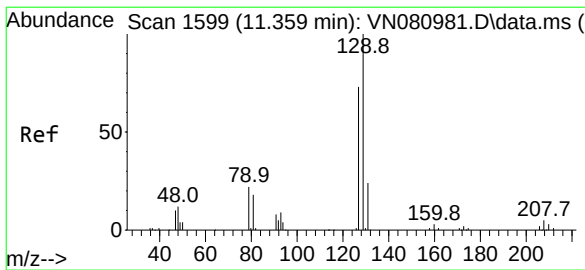
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#52
1,3-Dichloropropane
Concen: 24.003 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

Tgt Ion: 76 Resp: 137901
Ion Ratio Lower Upper
76 100
78 32.8 0.0 65.8





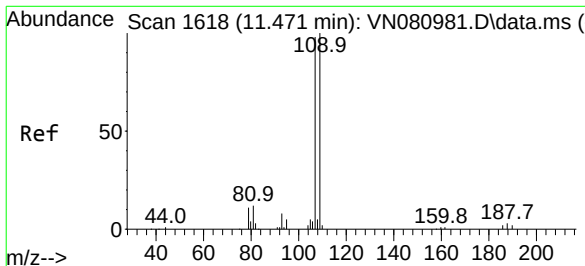
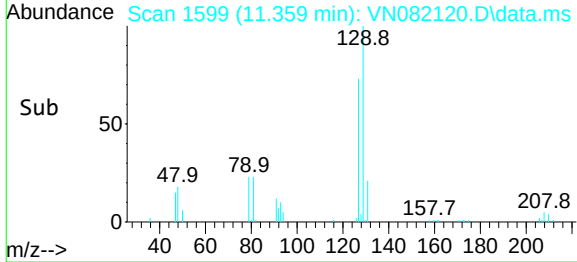
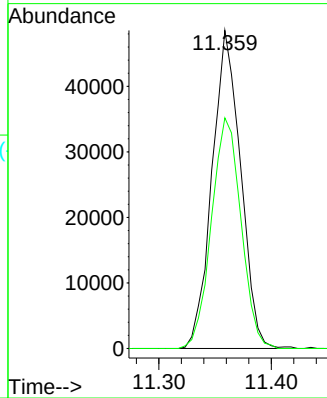
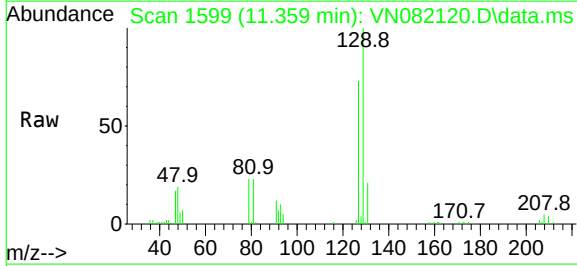
#53
Dibromochloromethane
Concen: 25.134 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBSD02

Tgt Ion:129 Resp: 85514
Ion Ratio Lower Upper
129 100
127 75.1 39.4 118.1

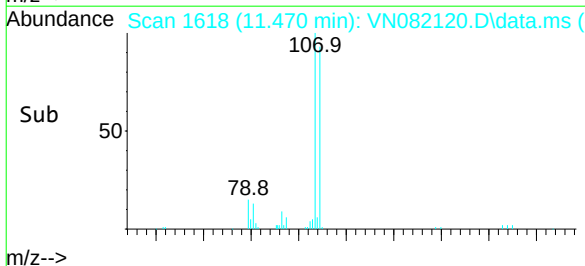
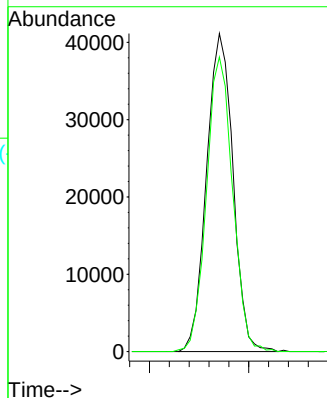
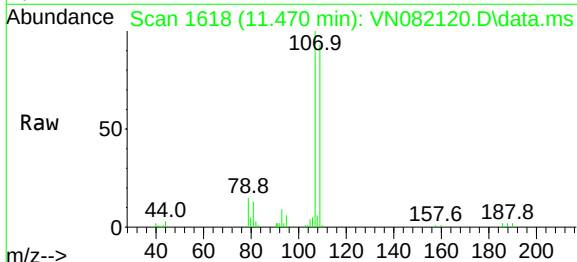
Manual Integrations
APPROVED

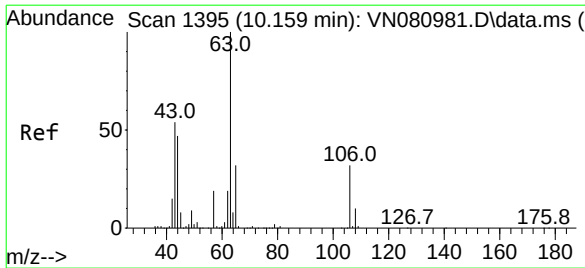
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#54
1,2-Dibromoethane
Concen: 24.413 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

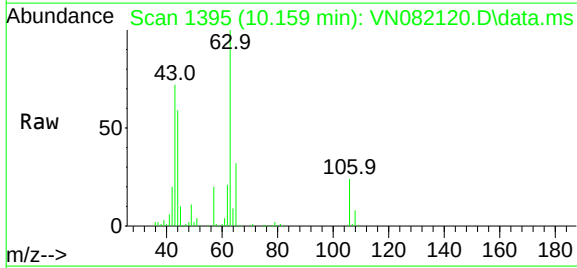
Tgt Ion:107 Resp: 76135
Ion Ratio Lower Upper
107 100
109 91.6 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 112.547 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

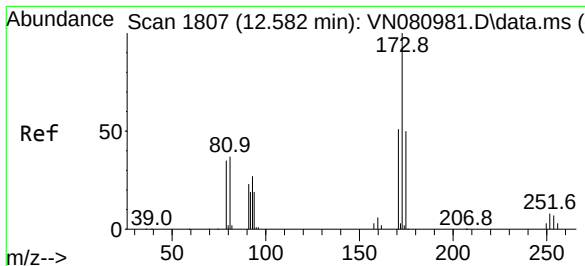
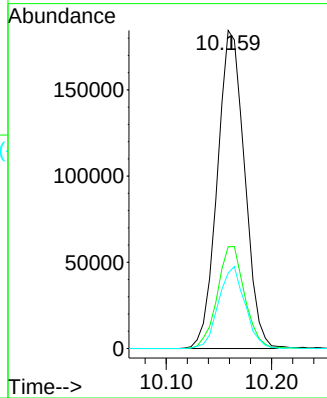
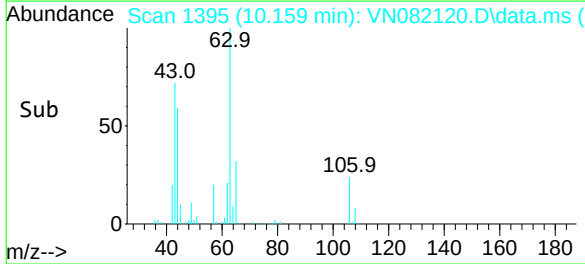
Instrument :
MSVOA_N
ClientSampleId :
VN0514WBSD02



Tgt Ion: 63 Resp: 332155
Ion Ratio Lower Upper
63 100
65 32.0 26.2 39.2
106 24.8 23.8 35.8

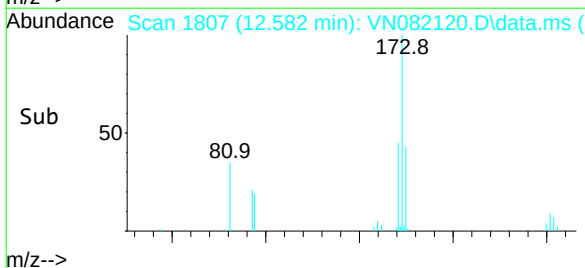
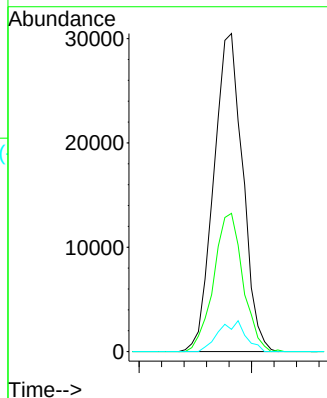
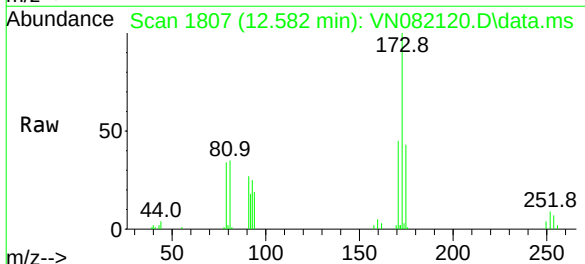
Manual Integrations
APPROVED

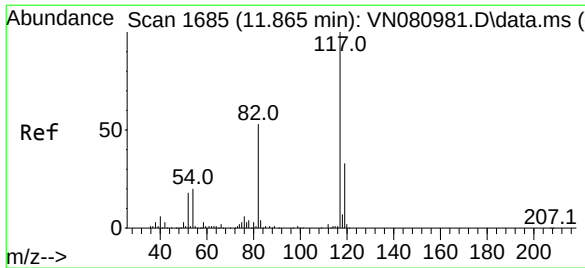
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#56
Bromoform
Concen: 26.378 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

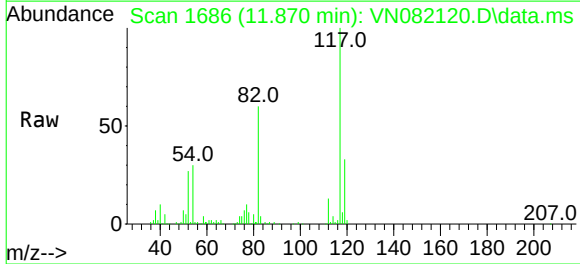
Tgt Ion:173 Resp: 54620
Ion Ratio Lower Upper
173 100
175 43.8 40.0 60.0
254 3.9 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

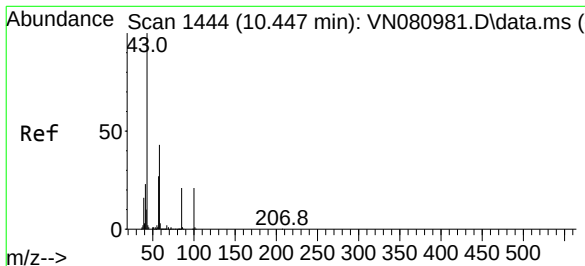
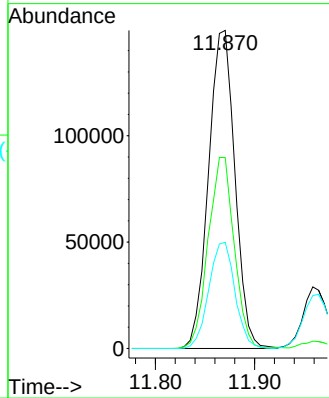
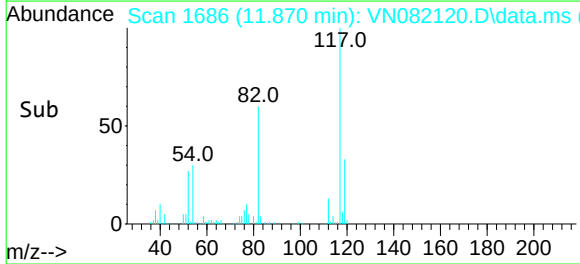
Instrument :
MSVOA_N
ClientSampleId :
VN0514WBSD02



Tgt Ion: 117 Resp: 276541
Ion Ratio Lower Upper
117 100
82 59.2 46.6 69.8
119 33.0 25.4 38.2

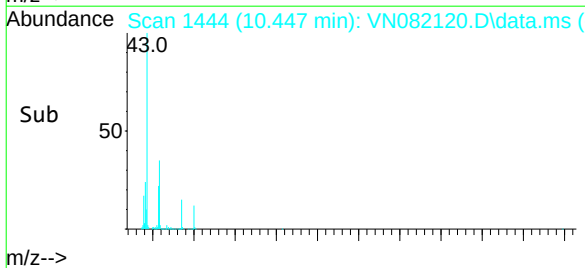
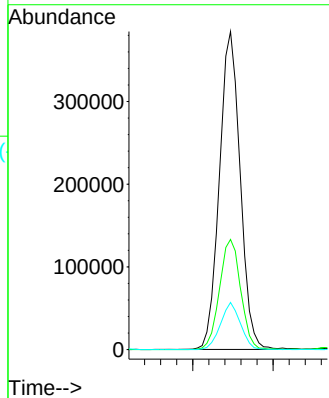
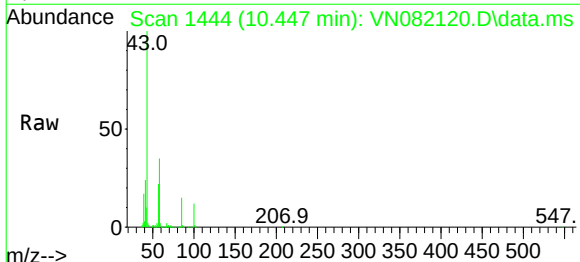
Manual Integrations
APPROVED

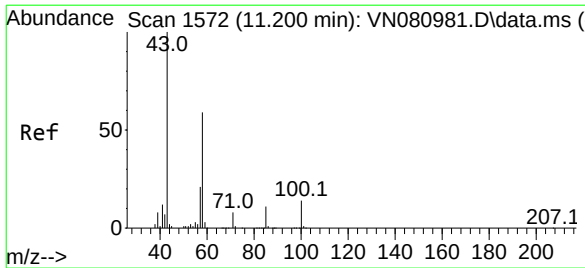
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#58
4-Methyl-2-Pentanone
Concen: 128.573 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

Tgt Ion: 43 Resp: 690354
Ion Ratio Lower Upper
43 100
58 35.4 36.5 54.7#
85 14.3 19.5 29.3#





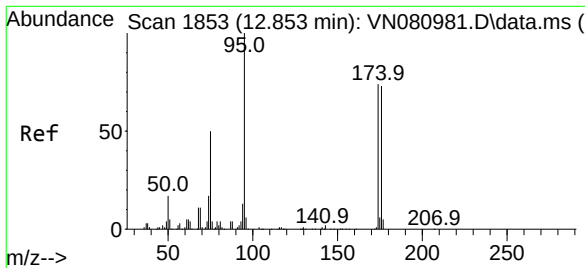
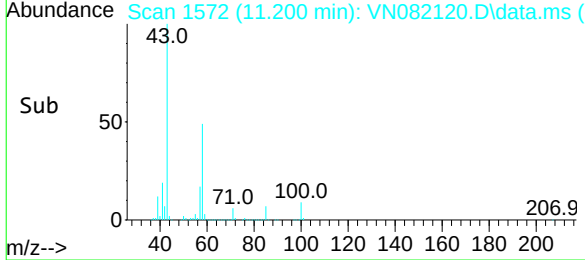
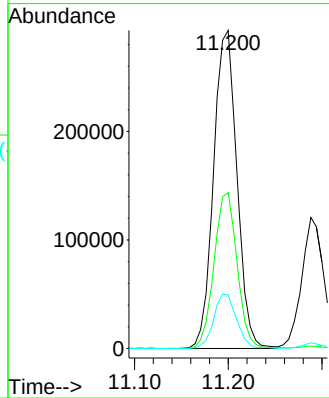
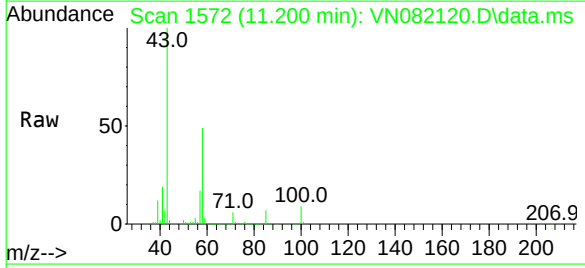
#59
2-Hexanone
Concen: 127.513 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBSD02

Tgt Ion: 43 Resp: 507660
Ion Ratio Lower Upper
43 100
58 48.4 50.4 75.6#
57 16.7 18.6 27.8#

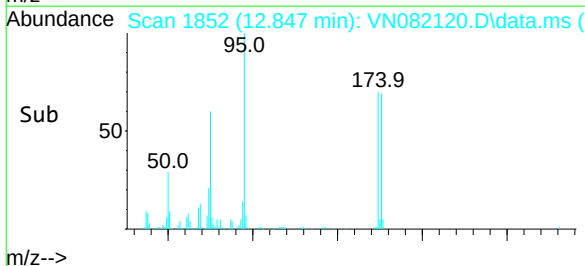
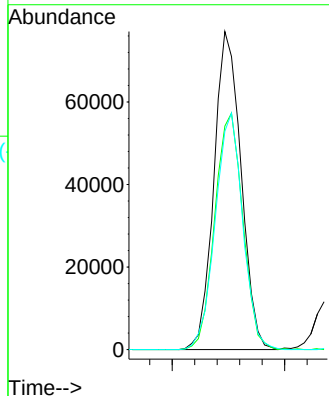
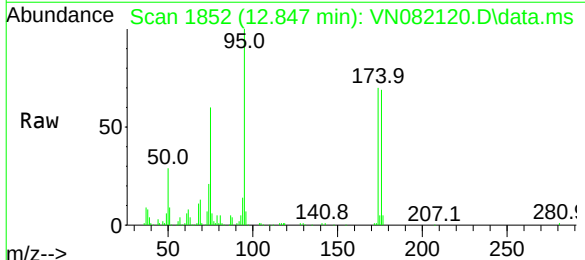
Manual Integrations
APPROVED

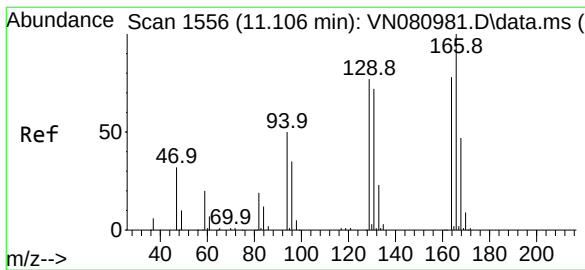
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#60
4-Bromofluorobenzene
Concen: 27.988 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

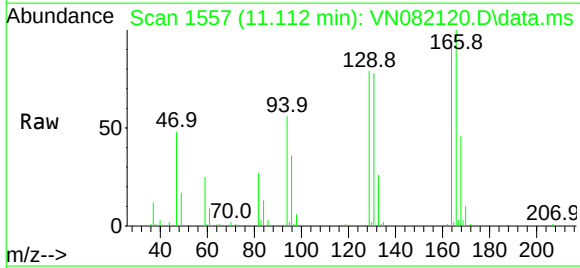
Tgt Ion: 95 Resp: 128807
Ion Ratio Lower Upper
95 100
174 76.8 60.5 90.7
176 75.5 57.8 86.6





#61
Tetrachloroethene
Concen: 19.072 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

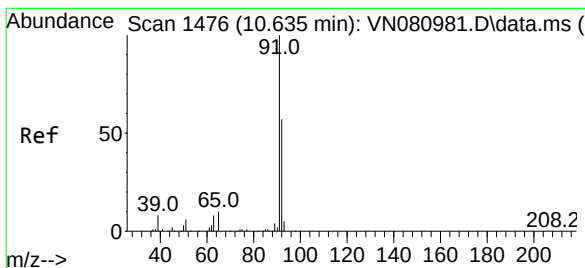
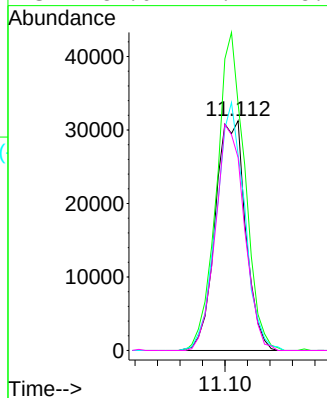
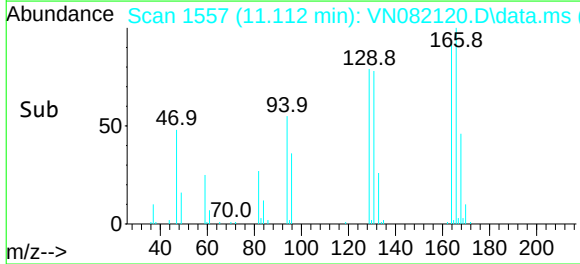
Instrument :
MSVOA_N
ClientSampleId :
VN0514WBSD02



Tgt Ion:164 Resp: 58522
Ion Ratio Lower Upper
164 100
166 107.4 106.7 160.1
129 85.3 85.8 128.6#
131 84.0 79.1 118.7

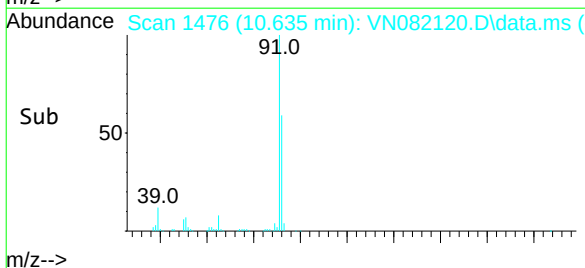
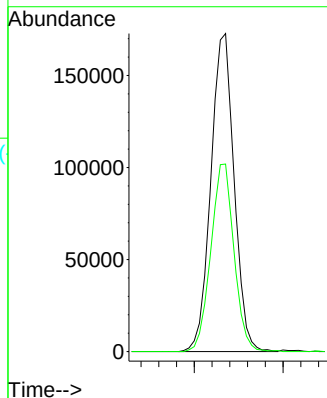
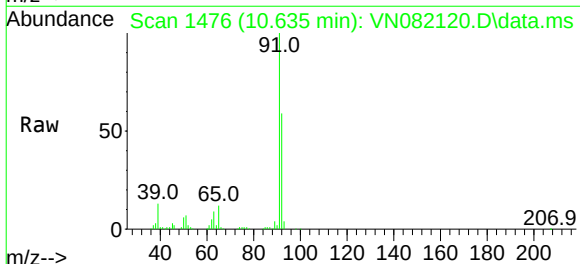
Manual Integrations
APPROVED

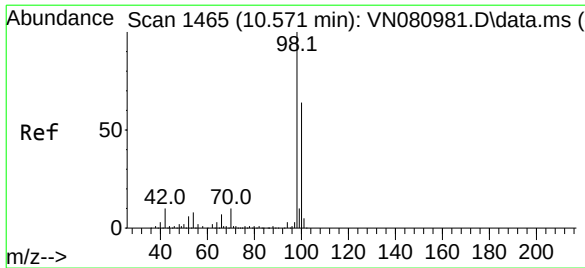
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#62
Toluene
Concen: 20.219 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

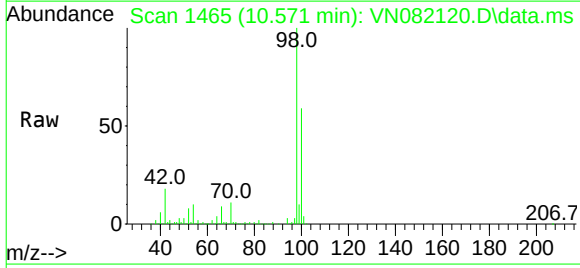
Tgt Ion: 91 Resp: 314603
Ion Ratio Lower Upper
91 100
92 58.6 46.5 69.7





#63
Toluene-d8
Concen: 29.521 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

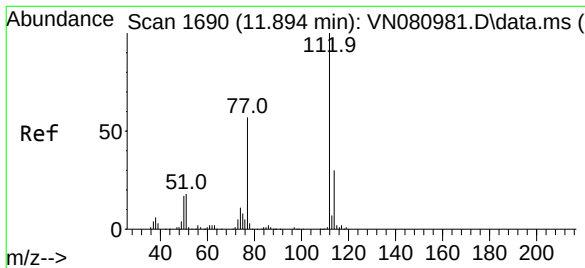
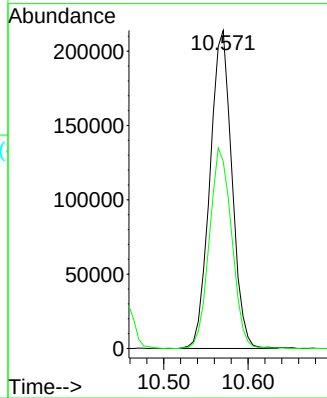
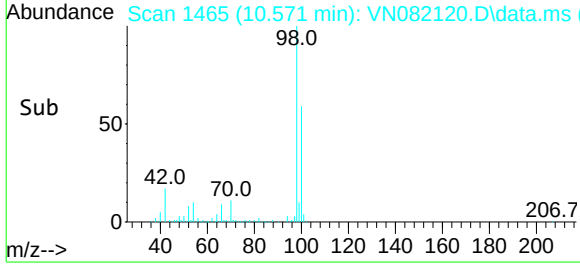
Instrument :
MSVOA_N
ClientSampleId :
VN0514WBSD02



Tgt Ion: 98 Resp: 387699
Ion Ratio Lower Upper
98 100
100 64.0 52.7 79.1

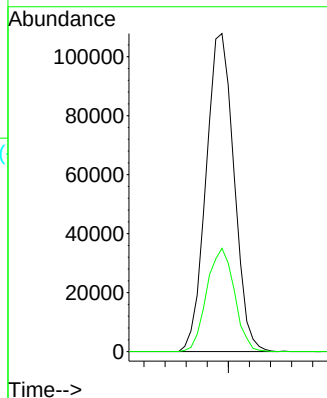
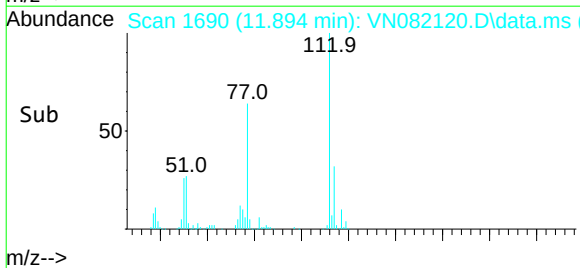
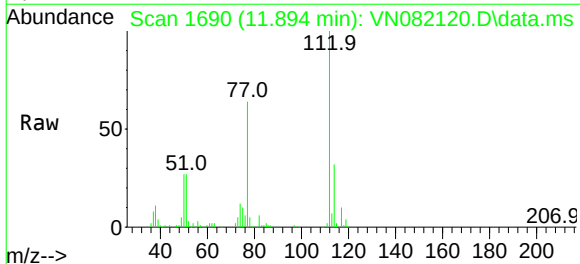
Manual Integrations
APPROVED

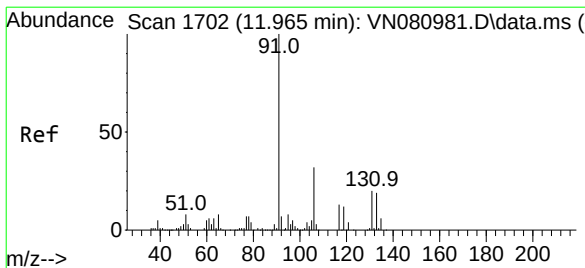
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#64
Chlorobenzene
Concen: 20.870 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

Tgt Ion:112 Resp: 198621
Ion Ratio Lower Upper
112 100
114 32.5 26.6 39.8





#65

1,1,1,2-Tetrachloroethane

Concen: 23.397 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN082120.D

Acq: 14 May 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

VN0514WBSD02

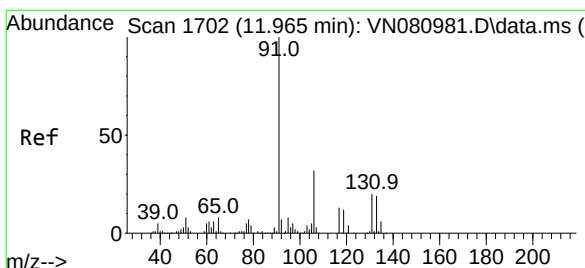
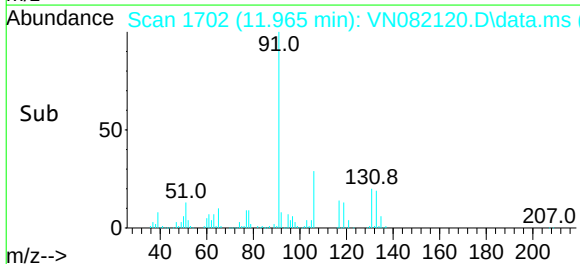
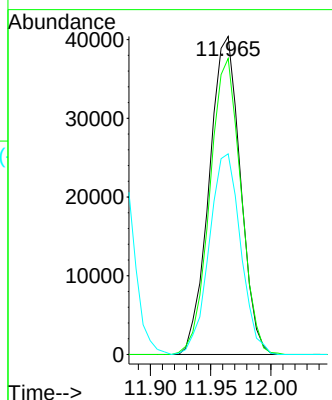
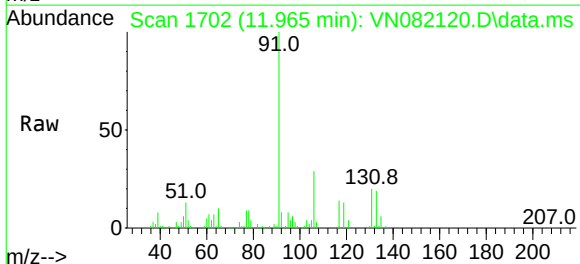
Tgt Ion:	131	Resp:	72880
Ion Ratio	Lower	Upper	
131	100		
133	92.5	0.0	188.0
119	63.6	0.0	122.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#66

Ethyl Benzene

Concen: 19.484 ug/l

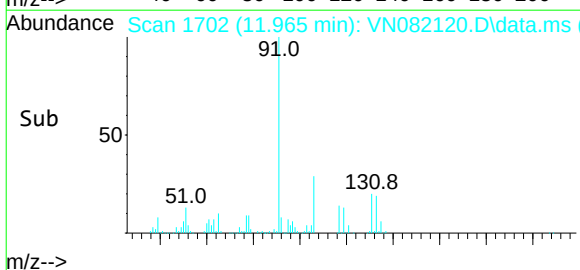
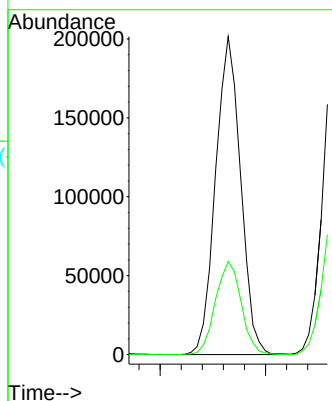
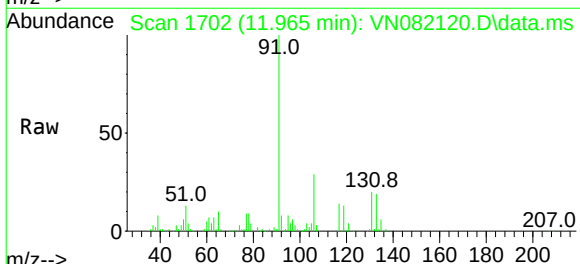
RT: 11.965 min Scan# 1702

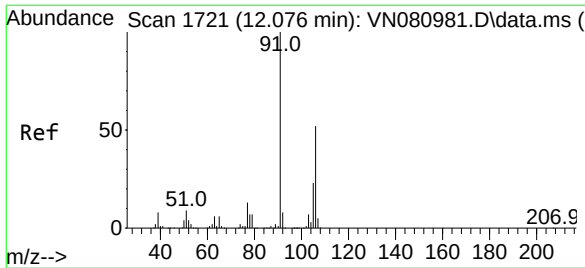
Delta R.T. -0.000 min

Lab File: VN082120.D

Acq: 14 May 2024 17:15

Tgt Ion:	91	Resp:	332317
Ion Ratio	Lower	Upper	
91	100		
106	29.2	24.4	36.6





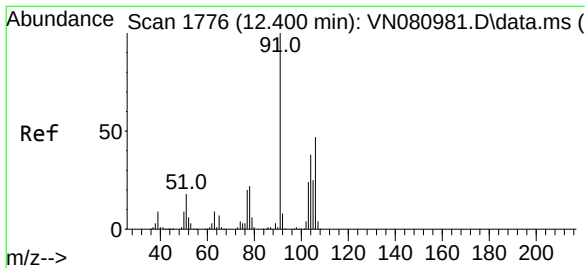
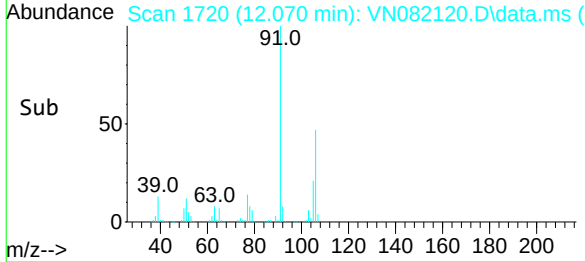
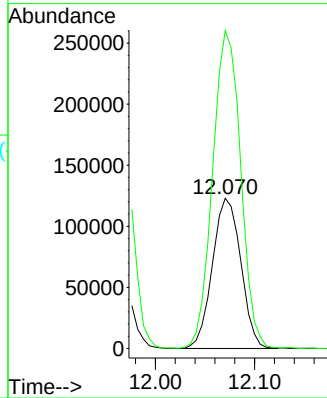
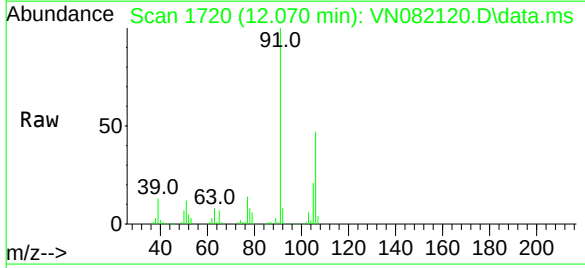
#67
m/p-Xylenes
Concen: 38.690 ug/l
RT: 12.070 min Scan# 1721
Delta R.T. -0.006 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBSD02

Tgt Ion:106 Resp: 244662
Ion Ratio Lower Upper
106 100
91 209.0 166.6 249.8

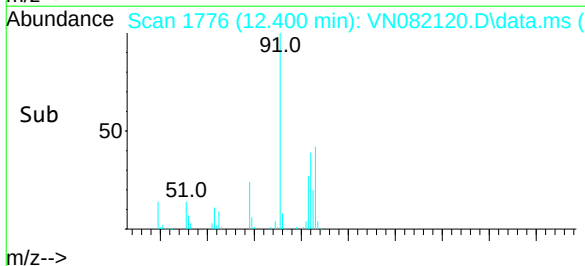
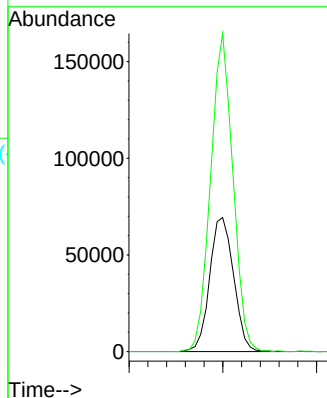
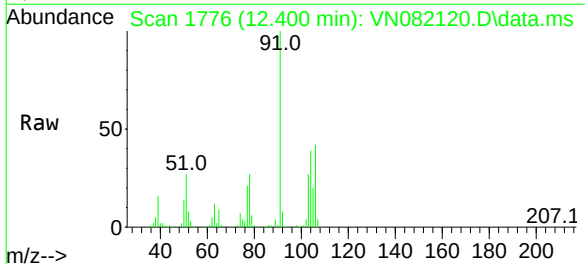
Manual Integrations
APPROVED

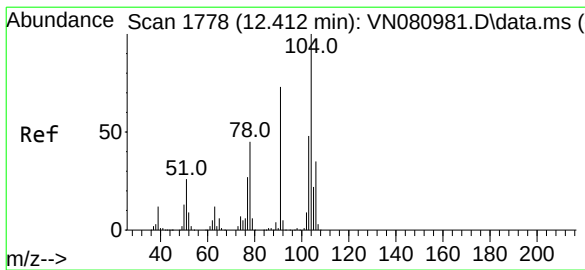
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#68
o-Xylene
Concen: 19.663 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

Tgt Ion:106 Resp: 123020
Ion Ratio Lower Upper
106 100
91 221.5 110.0 330.0





#69

Styrene

Concen: 19.981 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN082120.D

Acq: 14 May 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

VN0514WBSD02

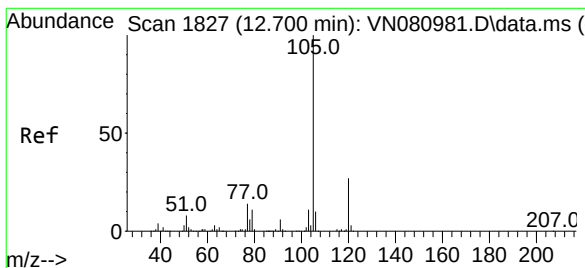
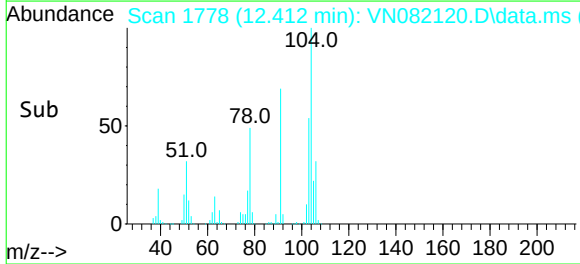
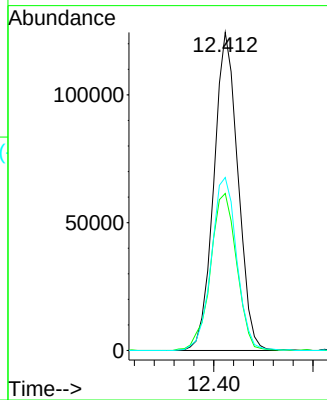
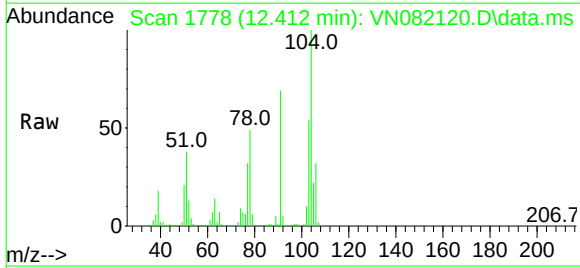
Tgt Ion:	104	Resp:	209854
Ion Ratio	Lower	Upper	
104	100		
78	53.7	42.6	64.0
103	57.4	43.7	65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#70

Isopropylbenzene

Concen: 19.228 ug/l

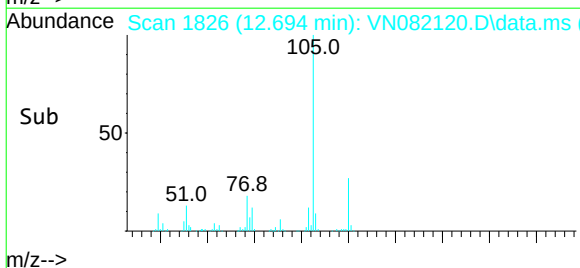
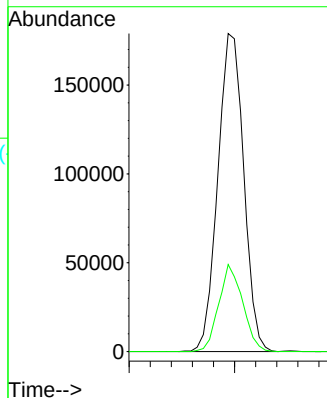
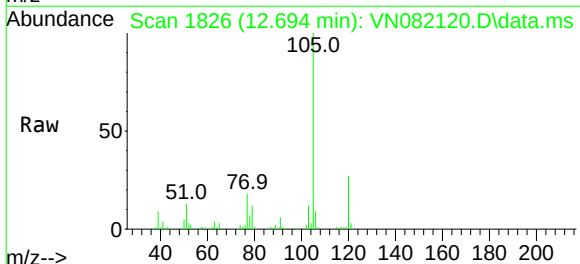
RT: 12.694 min Scan# 1826

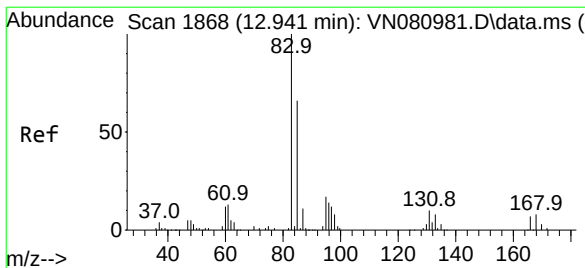
Delta R.T. -0.006 min

Lab File: VN082120.D

Acq: 14 May 2024 17:15

Tgt Ion:	105	Resp:	305532
Ion Ratio	Lower	Upper	
105	100		
120	25.3	17.8	33.1





#71

1,1,2,2-Tetrachloroethane

Concen: 24.215 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN082120.D

Acq: 14 May 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

VN0514WBSD02

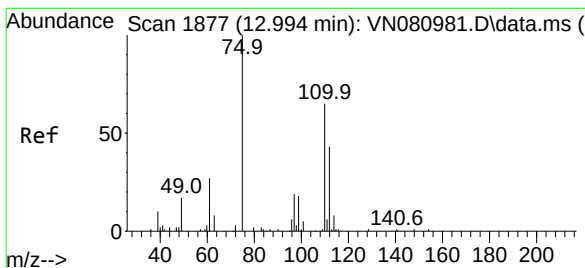
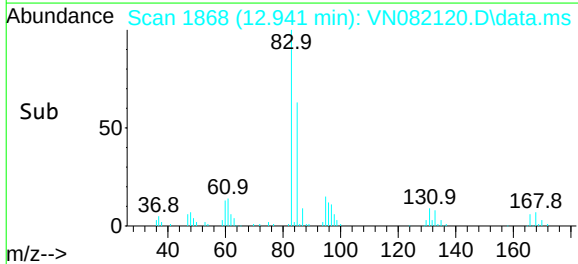
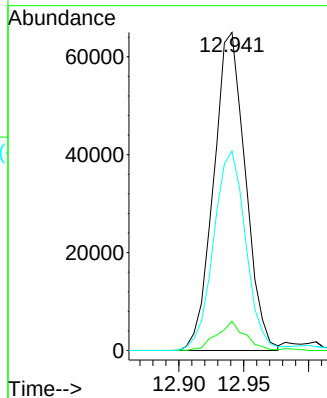
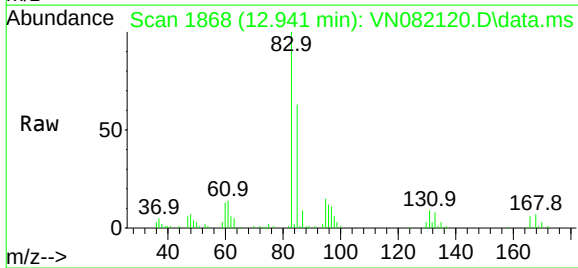
Tgt Ion:	83	Resp:	110724
Ion	Ratio	Lower	Upper
83	100		
131	8.3	5.2	15.6
85	63.3	32.3	96.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#72

1,2,3-Trichloropropane

Concen: 26.434 ug/l m

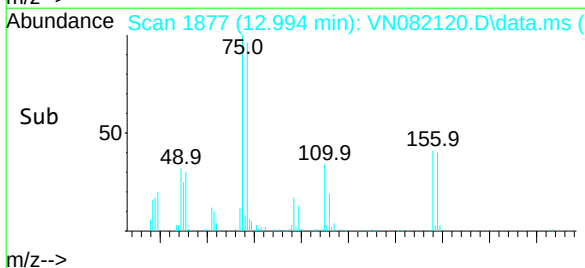
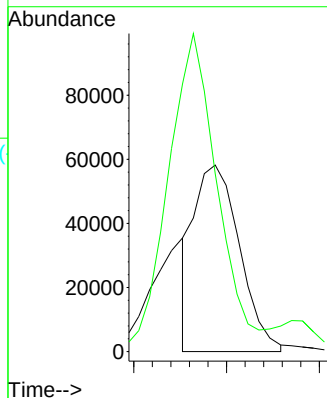
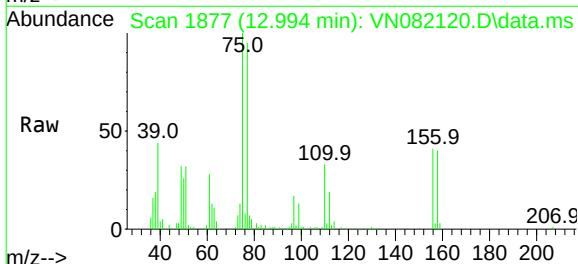
RT: 12.994 min Scan# 1877

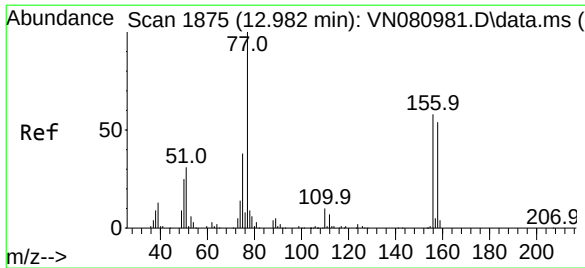
Delta R.T. -0.000 min

Lab File: VN082120.D

Acq: 14 May 2024 17:15

Tgt Ion:	75	Resp:	98905
Ion	Ratio	Lower	Upper
75	100		
77	183.9	0.0	367.6





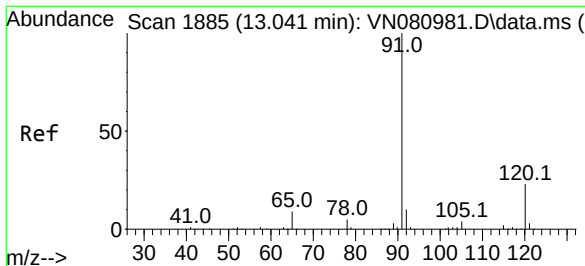
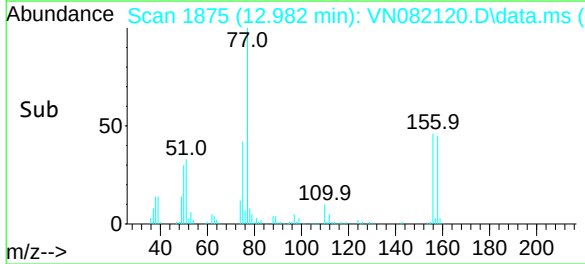
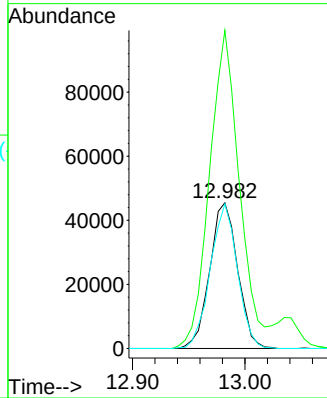
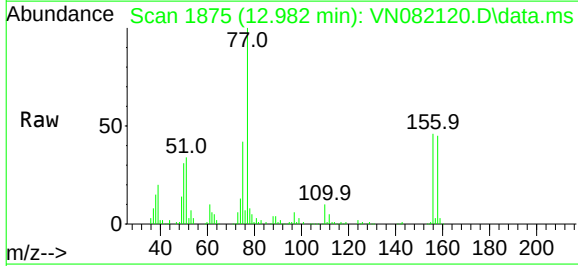
#73
Bromobenzene
Concen: 23.064 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBSD02

Tgt Ion: 156 Resp: 78448
Ion Ratio Lower Upper
156 100
77 231.9 0.0 437.6
158 96.1 0.0 203.8

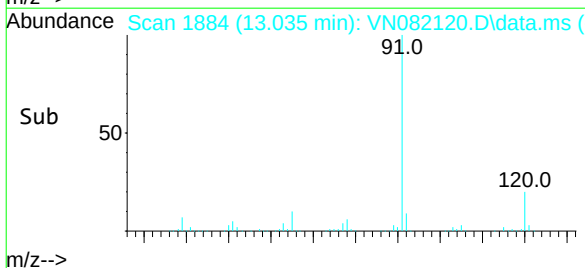
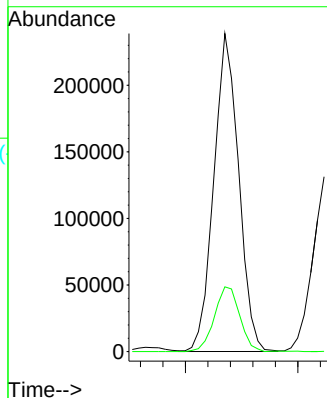
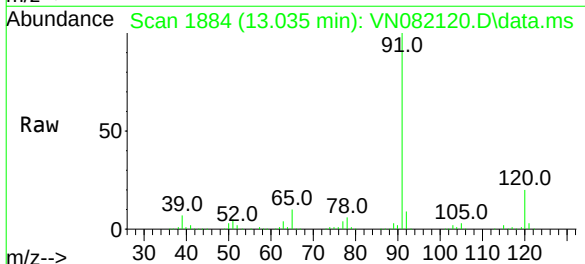
Manual Integrations
APPROVED

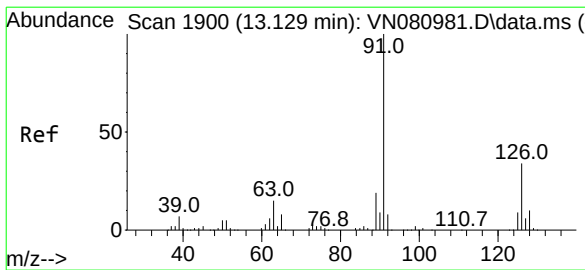
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#74
n-propylbenzene
Concen: 19.553 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

Tgt Ion: 91 Resp: 366820
Ion Ratio Lower Upper
91 100
120 20.6 0.0 43.8





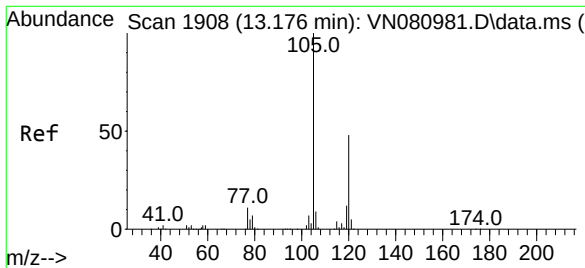
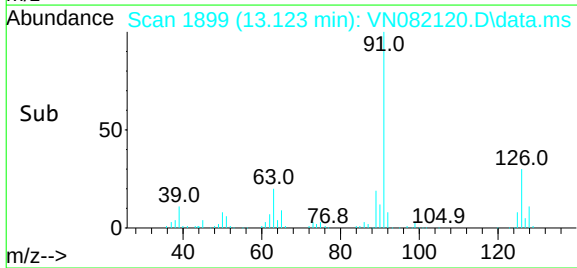
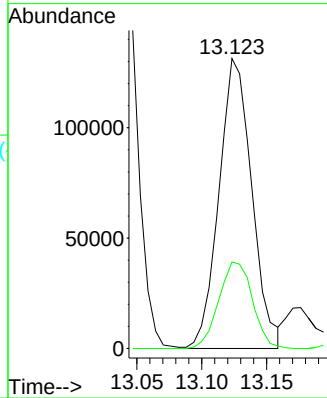
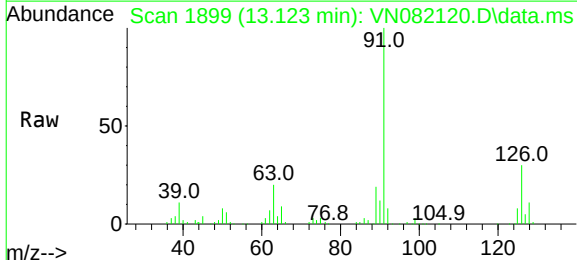
#75
2-Chlorotoluene
Concen: 19.939 ug/l
RT: 13.123 min Scan# 18
Delta R.T. -0.006 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBSD02

Tgt Ion: 91 Resp: 231241
Ion Ratio Lower Upper
91 100
126 30.5 0.0 61.2

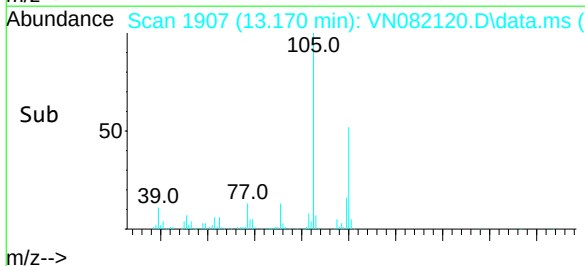
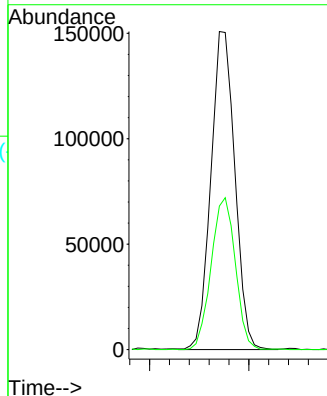
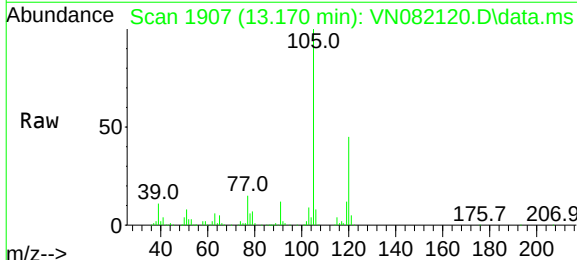
Manual Integrations
APPROVED

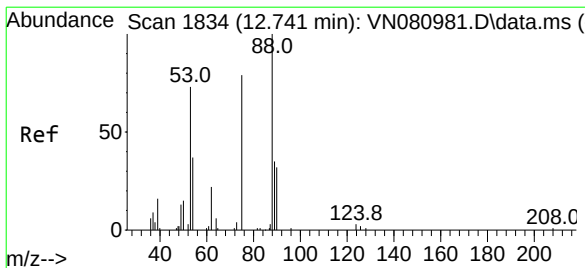
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#76
1,3,5-Trimethylbenzene
Concen: 19.712 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

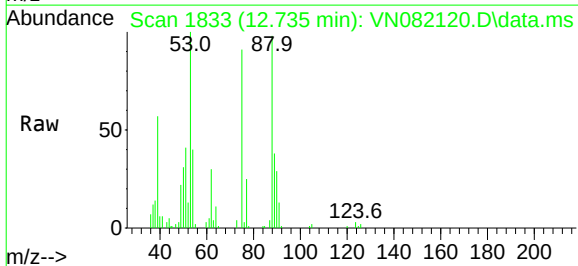
Tgt Ion:105 Resp: 253526
Ion Ratio Lower Upper
105 100
120 48.1 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 20.149 ug/l
RT: 12.735 min Scan# 1834
Delta R.T. -0.006 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

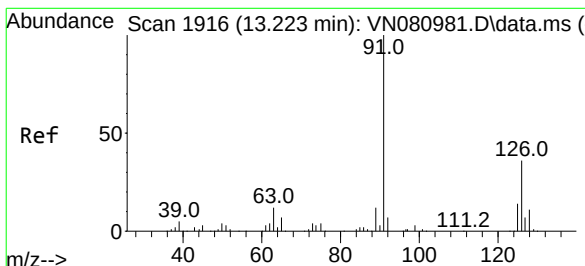
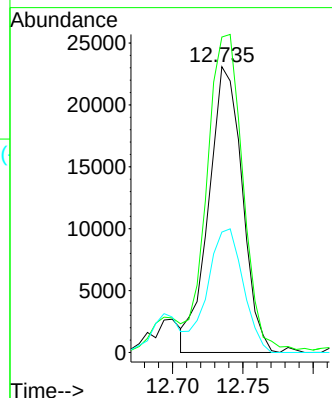
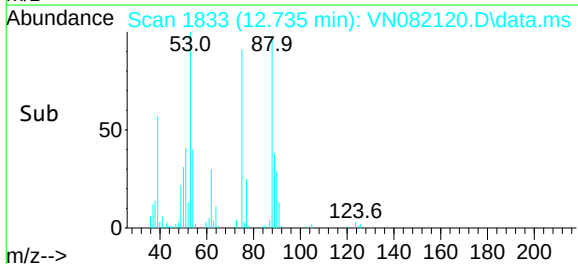
Instrument :
MSVOA_N
ClientSampleId :
VN0514WBSD02



Tgt Ion	Ratio	Lower	Upper
75	100		
53	108.5	45.9	137.7
89	42.1	25.9	77.7

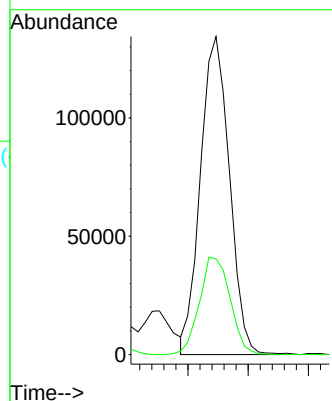
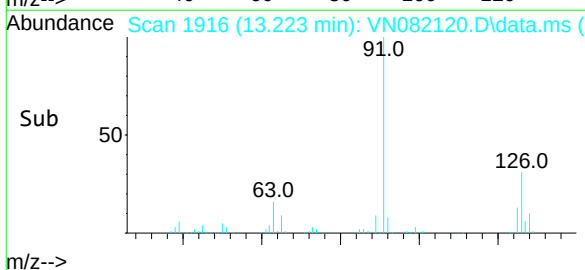
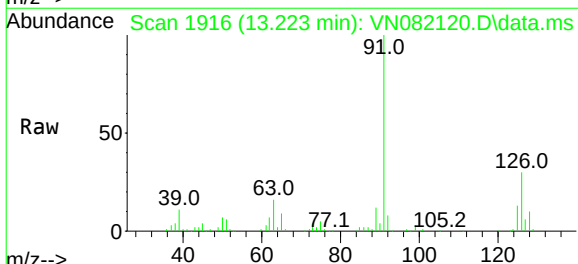
Manual Integrations
APPROVED

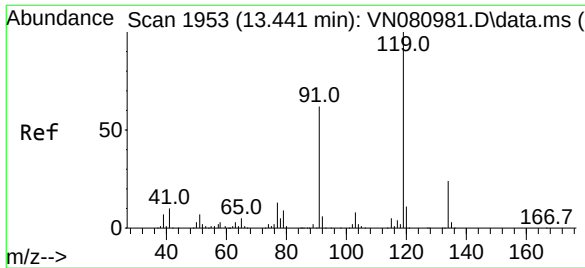
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#78
4-Chlorotoluene
Concen: 19.800 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	0.0	62.8





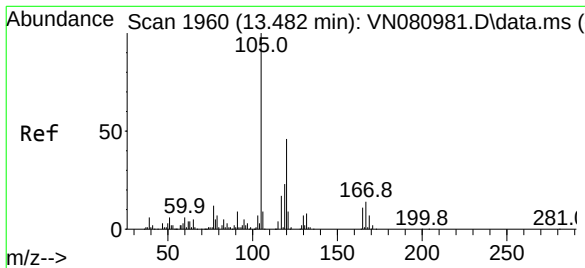
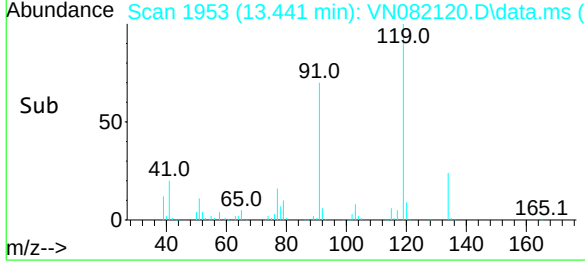
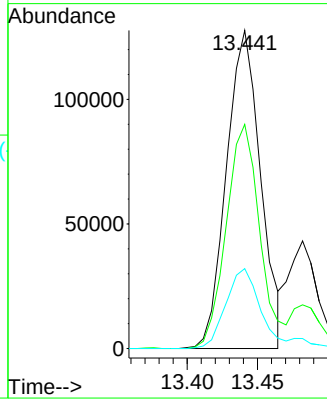
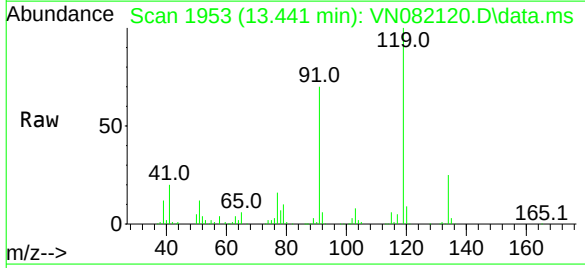
#79
tert-butylbenzene
Concen: 19.521 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBSD02

Tgt Ion:119 Resp: 216176
Ion Ratio Lower Upper
119 100
91 69.6 0.0 138.8
134 25.0 0.0 48.6

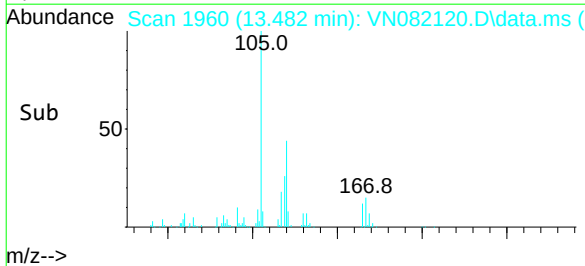
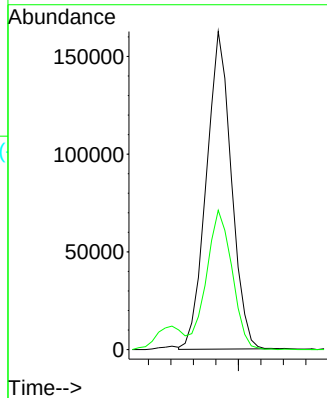
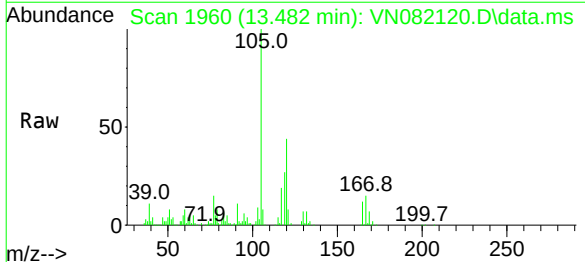
Manual Integrations
APPROVED

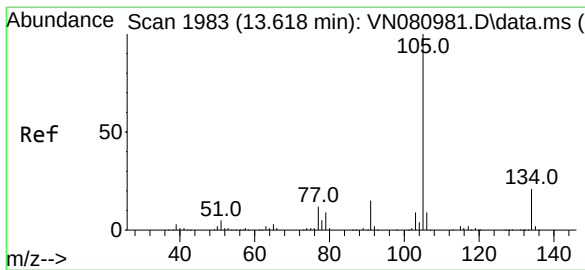
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#80
1,2,4-Trimethylbenzene
Concen: 19.418 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

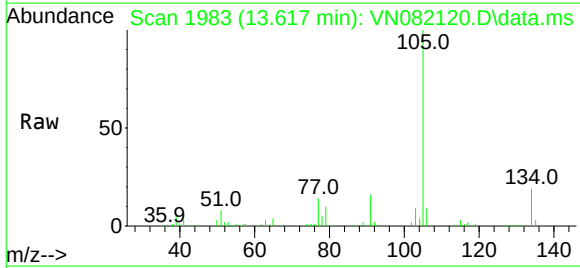
Tgt Ion:105 Resp: 250860
Ion Ratio Lower Upper
105 100
120 45.2 0.0 86.8





#81
sec-Butylbenzene
Concen: 19.407 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

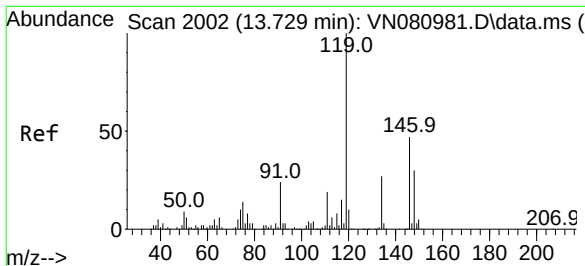
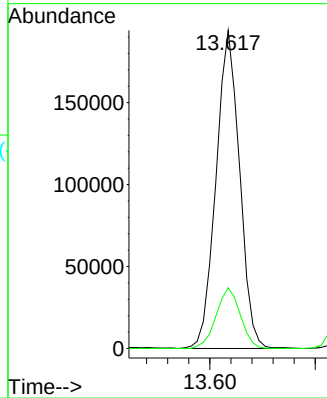
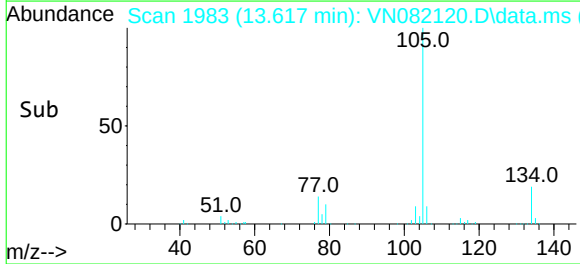
Instrument :
MSVOA_N
ClientSampleId :
VN0514WBSD02



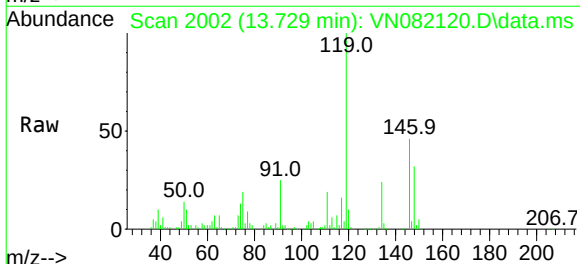
Tgt Ion:105 Resp: 301243
Ion Ratio Lower Upper
105 100
134 19.5 0.0 39.0

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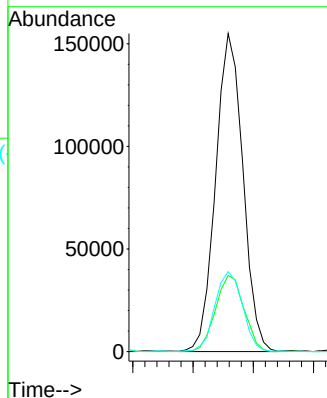
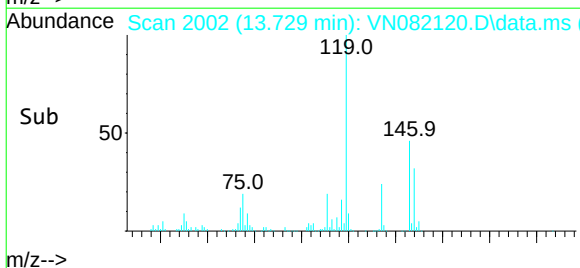
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

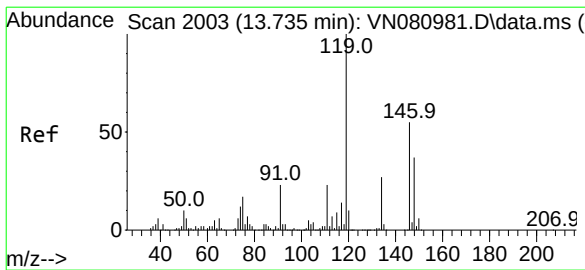


#82
p-Isopropyltoluene
Concen: 19.893 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15



Tgt Ion:119 Resp: 244179
Ion Ratio Lower Upper
119 100
134 24.9 0.0 49.2
91 25.5 0.0 48.8





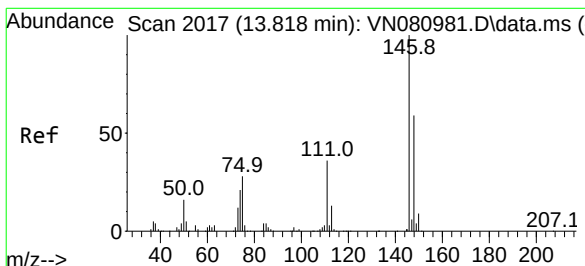
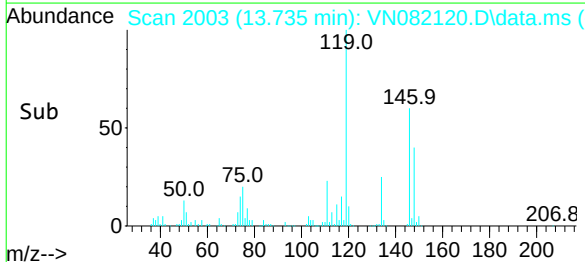
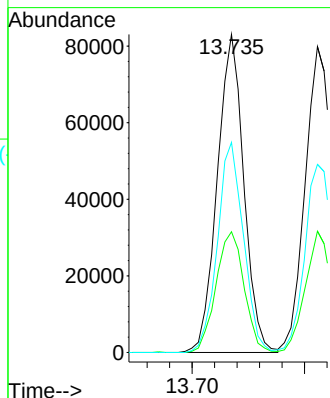
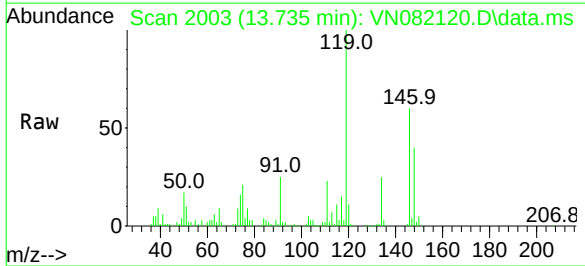
#83
1,3-Dichlorobenzene
Concen: 22.243 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBSD02

Tgt Ion:146 Resp: 136230
Ion Ratio Lower Upper
146 100
111 40.2 22.4 67.0
148 64.7 32.1 96.5

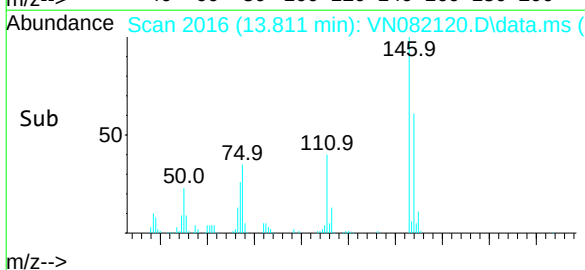
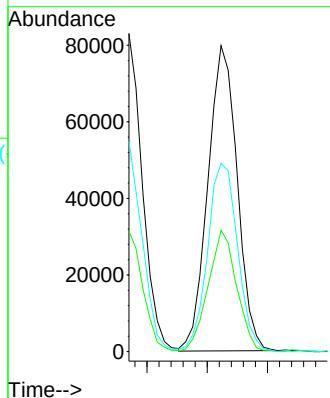
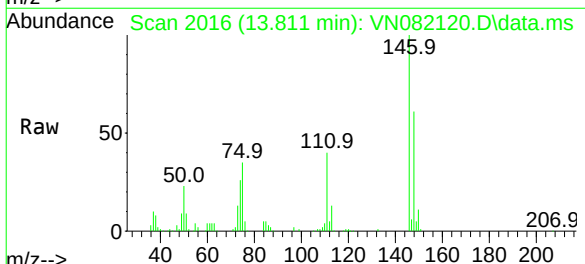
Manual Integrations
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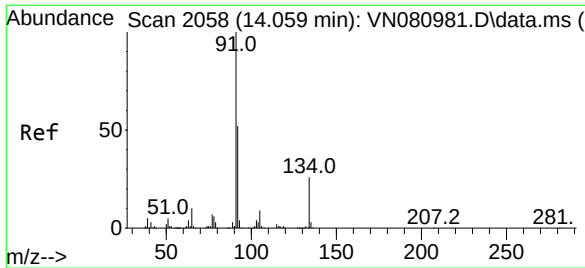
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#84
1,4-Dichlorobenzene
Concen: 21.926 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

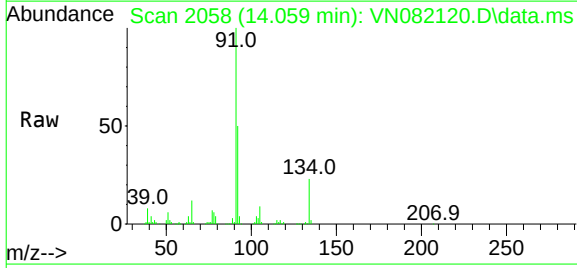
Tgt Ion:146 Resp: 134973
Ion Ratio Lower Upper
146 100
111 38.6 21.3 63.9
148 63.4 31.9 95.5





#85
n-Butylbenzene
Concen: 19.523 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

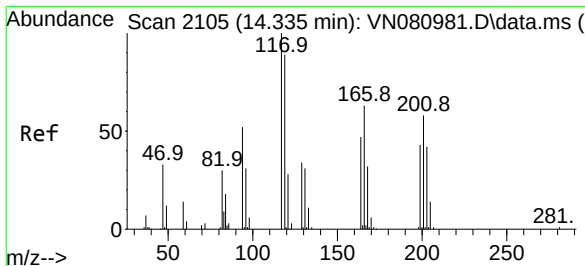
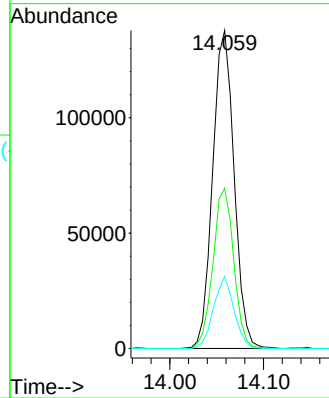
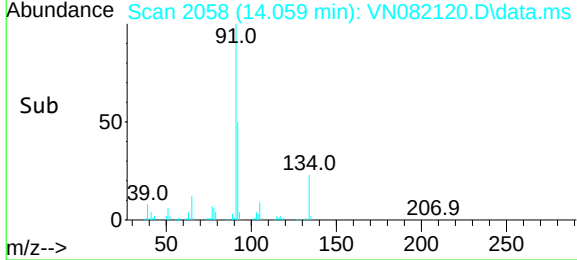
Instrument :
MSVOA_N
ClientSampleId :
VN0514WBSD02



Tgt Ion: 91 Resp: 218892
Ion Ratio Lower Upper
91 100
92 48.9 0.0 105.0
134 21.6 0.0 51.8

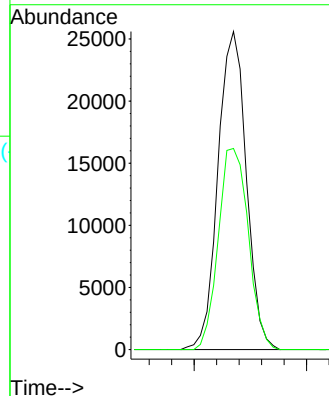
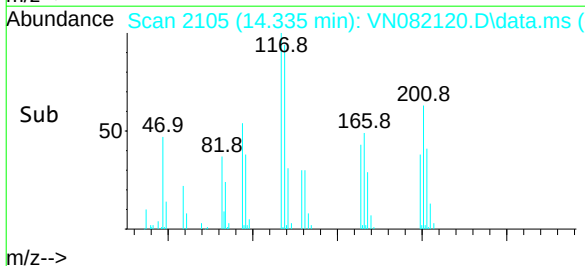
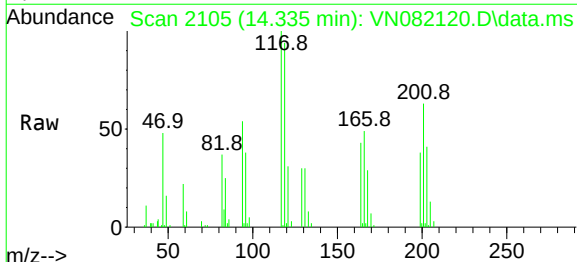
Manual Integrations
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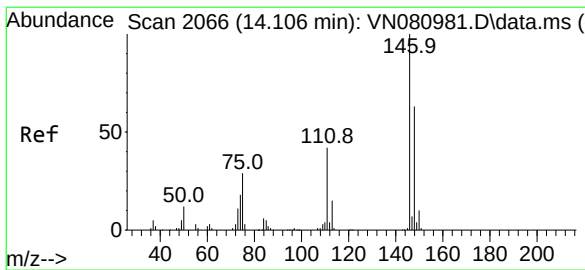
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#86
Hexachloroethane
Concen: 18.303 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

Tgt Ion:117 Resp: 44795
Ion Ratio Lower Upper
117 100
201 67.1 38.0 114.0





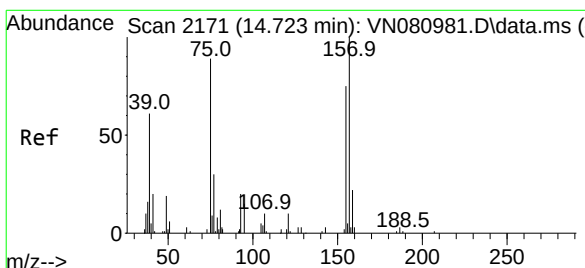
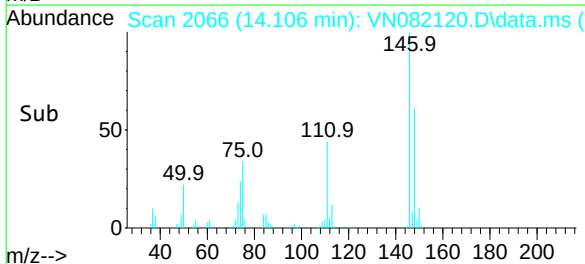
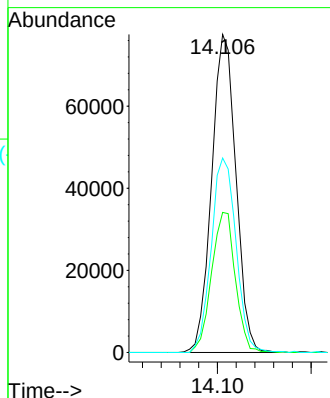
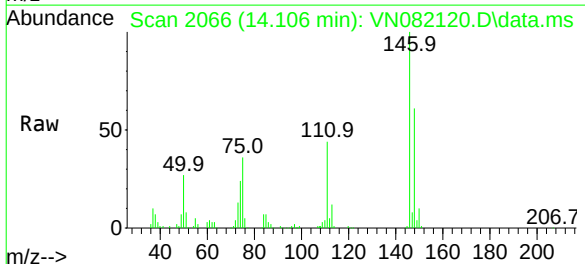
#87
1,2-Dichlorobenzene
Concen: 22.893 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBSD02

Tgt Ion: 146 Resp: 139648
Ion Ratio Lower Upper
146 100
111 42.9 22.6 67.8
148 62.3 31.3 93.8

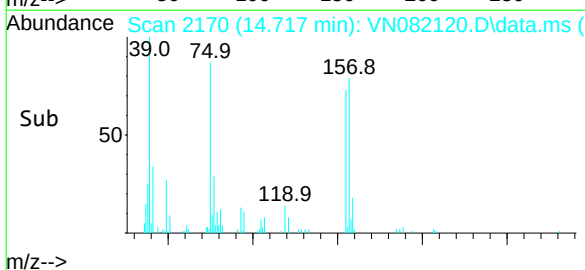
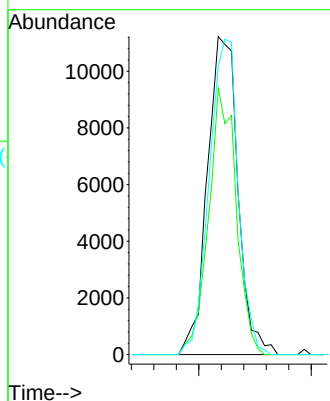
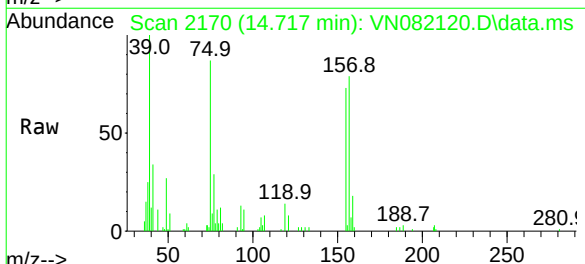
Manual Integrations
APPROVED

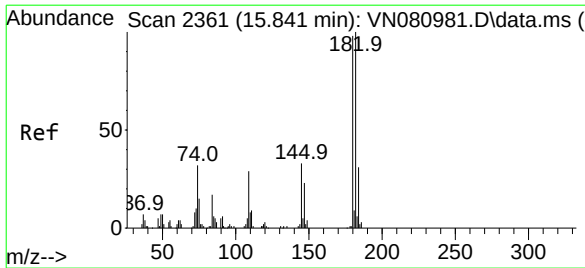
Reviewed By : John Carlone 05/15/2024
Supervised By : Mahesh Dadoda 05/15/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.681 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

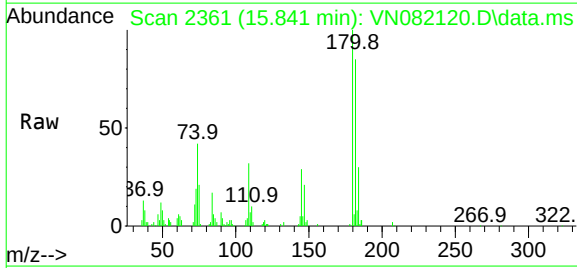
Tgt Ion: 75 Resp: 21220
Ion Ratio Lower Upper
75 100
155 75.3 61.7 92.5
157 94.3 83.6 125.4





#89
1,2,4-Trichlorobenzene
Concen: 21.454 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

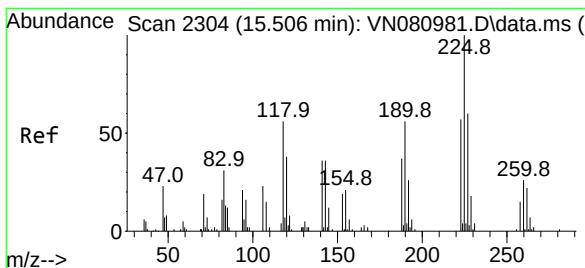
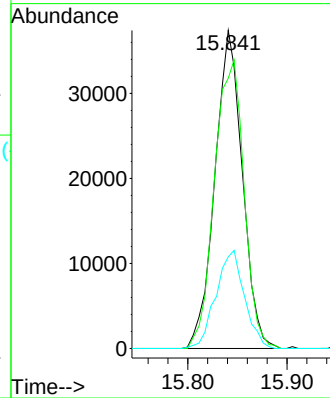
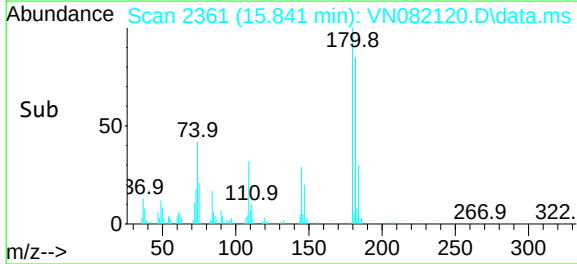
Instrument :
MSVOA_N
ClientSampleId :
VN0514WBSD02



Tgt Ion:180 Resp: 72061
Ion Ratio Lower Upper
180 100
182 97.6 76.4 114.6
145 32.1 28.4 42.6

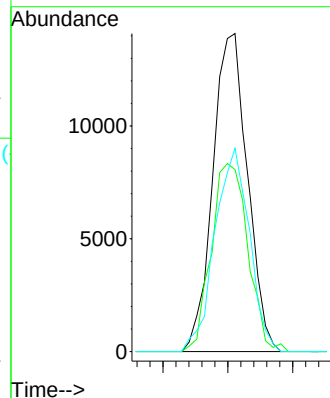
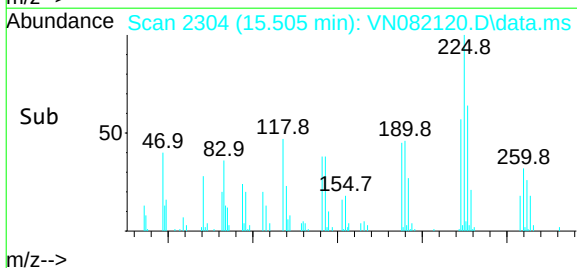
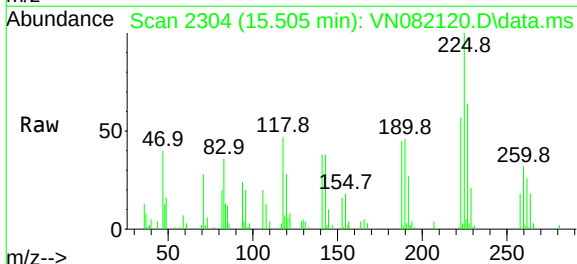
Manual Integrations
APPROVED

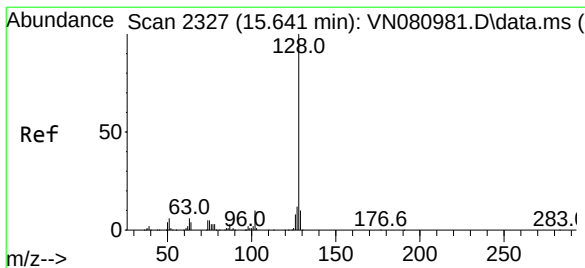
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#90
Hexachlorobutadiene
Concen: 21.015 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN082120.D
Acq: 14 May 2024 17:15

Tgt Ion:225 Resp: 26142
Ion Ratio Lower Upper
225 100
223 61.9 0.0 126.6
227 63.7 0.0 126.6





#91

Naphthalene

Concen: 19.368 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082120.D

Acq: 14 May 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

VN0514WBSD02

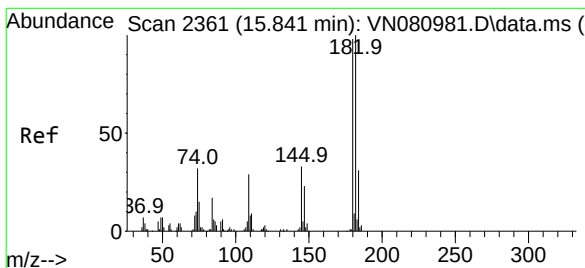
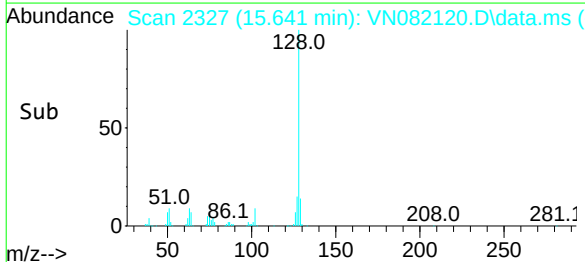
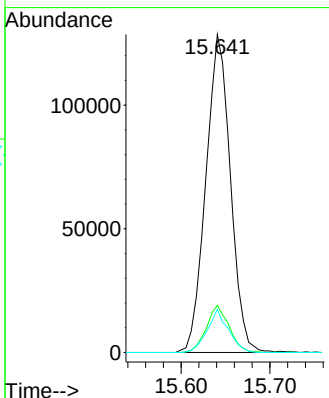
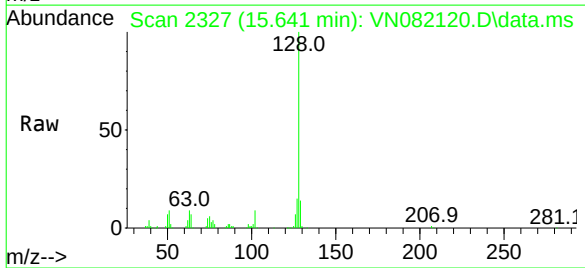
Tgt Ion:	128	Resp:	247300
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.6	16.0
129	11.7	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#92

1,2,3-Trichlorobenzene

Concen: 21.454 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082120.D

Acq: 14 May 2024 17:15

Tgt Ion:	180	Resp:	72061
Ion	Ratio	Lower	Upper
180	100		
182	97.6	0.0	191.0
145	32.1	0.0	71.0

