

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052024\
 Data File : VN082203.D
 Acq On : 20 May 2024 12:24
 Operator : JC\MD
 Sample : VN0520WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0520WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/21/2024
 Supervised By : Mahesh Dadoda 05/21/2024

Quant Time: May 21 03:44:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	200295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	341951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	306439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	138766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	146137	46.206	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.420%		
35) Dibromofluoromethane	8.165	113	102206	48.588	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.180%		
50) Toluene-d8	10.570	98	384468	47.673	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.340%		
62) 4-Bromofluorobenzene	12.847	95	131040	45.524	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	91.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	52101	18.042	ug/l	99
3) Chloromethane	2.359	50	57102	17.448	ug/l	97
4) Vinyl Chloride	2.518	62	54592	17.744	ug/l	100
5) Bromomethane	2.959	94	30954	17.503	ug/l	99
6) Chloroethane	3.124	64	37208	18.521	ug/l	99
7) Trichlorofluoromethane	3.500	101	75348	18.702	ug/l	95
8) Diethyl Ether	3.959	74	25633	17.860	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.383	101	42632	18.114	ug/l	97
10) Methyl Iodide	4.594	142	37934	16.033	ug/l	96
11) Tert butyl alcohol	5.524	59	47206	92.983	ug/l	97
12) 1,1-Dichloroethene	4.341	96	39322	17.976	ug/l #	78
13) Acrolein	4.183	56	28366	75.399	ug/l	95
14) Allyl chloride	5.024	41	81130	17.323	ug/l #	90
15) Acrylonitrile	5.718	53	121837	92.663	ug/l	99
16) Acetone	4.424	43	114490	88.246	ug/l	92
17) Carbon Disulfide	4.712	76	118026	16.706	ug/l	100
18) Methyl Acetate	5.024	43	60169	18.622	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	147519	18.450	ug/l #	91
20) Methylene Chloride	5.277	84	48951	18.700	ug/l #	74
21) trans-1,2-Dichloroethene	5.788	96	42120	17.669	ug/l #	76
22) Diisopropyl ether	6.677	45	180827	18.490	ug/l #	92
23) Vinyl Acetate	6.600	43	708699	91.915	ug/l #	90
24) 1,1-Dichloroethane	6.565	63	92074	18.266	ug/l	97
25) 2-Butanone	7.482	43	183050	93.058	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	79515	18.834	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	52755	18.752	ug/l	83
28) Bromochloromethane	7.812	49	38743	17.098	ug/l #	74
29) Tetrahydrofuran	7.841	42	116452	92.205	ug/l #	83
30) Chloroform	7.965	83	91592	19.028	ug/l	98
31) Cyclohexane	8.253	56	84558	16.740	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	80046	18.744	ug/l	93
36) 1,1-Dichloropropene	8.371	75	64344	18.238	ug/l	95
37) Ethyl Acetate	7.559	43	74156	18.782	ug/l #	95
38) Carbon Tetrachloride	8.359	117	67674	18.923	ug/l	98
39) Methylcyclohexane	9.600	83	70892	18.332	ug/l #	84
40) Benzene	8.606	78	195664	18.599	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	42000	18.088	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	75361	18.625	ug/l	94
43) Isopropyl Acetate	8.688	43	140658	20.106	ug/l #	86
44) Trichloroethene	9.353	130	44849	18.767	ug/l	93
45) 1,2-Dichloropropane	9.623	63	51398	18.935	ug/l	98
46) Dibromomethane	9.706	93	33885	19.014	ug/l	98
47) Bromodichloromethane	9.888	83	70510	18.742	ug/l	97
48) Methyl methacrylate	9.682	41	61698	18.508	ug/l #	82
49) 1,4-Dioxane	9.694	88	18968	406.059	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	384101	96.632	ug/l	89
52) Toluene	10.629	92	118422	18.757	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	74969	19.268	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	78625	19.090	ug/l #	78
55) 1,1,2-Trichloroethane	11.018	97	43418	18.924	ug/l	98
56) Ethyl methacrylate	10.876	69	72680	18.659	ug/l #	71
57) 1,3-Dichloropropane	11.165	76	79313	18.489	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	163879	81.565	ug/l	90
59) 2-Hexanone	11.194	43	282377	97.023	ug/l	88
60) Dibromochloromethane	11.359	129	49935	19.722	ug/l	98
61) 1,2-Dibromoethane	11.470	107	43412	18.422	ug/l	100
64) Tetrachloroethene	11.106	164	44420	19.557	ug/l	94
65) Chlorobenzene	11.894	112	125100	18.479	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	44528	19.969	ug/l	98
67) Ethyl Benzene	11.964	91	223650	18.468	ug/l	96
68) m/p-Xylenes	12.070	106	165694	37.332	ug/l	93
69) o-Xylene	12.400	106	79475	18.485	ug/l	91
70) Styrene	12.412	104	135381	18.958	ug/l	96
71) Bromoform	12.576	173	32464	18.749	ug/l #	97
73) Isopropylbenzene	12.694	105	204273	18.530	ug/l	98
74) N-amyl acetate	12.494	43	109792	18.106	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	58793	18.501	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	56209m	19.245	ug/l	
77) Bromobenzene	12.982	156	48395	18.421	ug/l	84
78) n-propylbenzene	13.035	91	243375	18.643	ug/l	97
79) 2-Chlorotoluene	13.123	91	151422	18.472	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	172149	19.312	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	22252	17.820	ug/l #	77
82) 4-Chlorotoluene	13.223	91	150697	18.802	ug/l	95
83) tert-Butylbenzene	13.441	119	143600	18.414	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	173058	18.976	ug/l	98
85) sec-Butylbenzene	13.617	105	204362	18.906	ug/l	97
86) p-Isopropyltoluene	13.729	119	164509	18.727	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	90103	18.930	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	89969	18.520	ug/l	98
89) n-Butylbenzene	14.058	91	145797	18.465	ug/l	98
90) Hexachloroethane	14.335	117	31684	19.466	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	86844	19.276	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12609	19.312	ug/l	84
93) 1,2,4-Trichlorobenzene	15.394	180	45245	17.916	ug/l	97
94) Hexachlorobutadiene	15.500	225	19609	17.695	ug/l	97
95) Naphthalene	15.641	128	142137	17.959	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	45227	17.889	ug/l	96

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

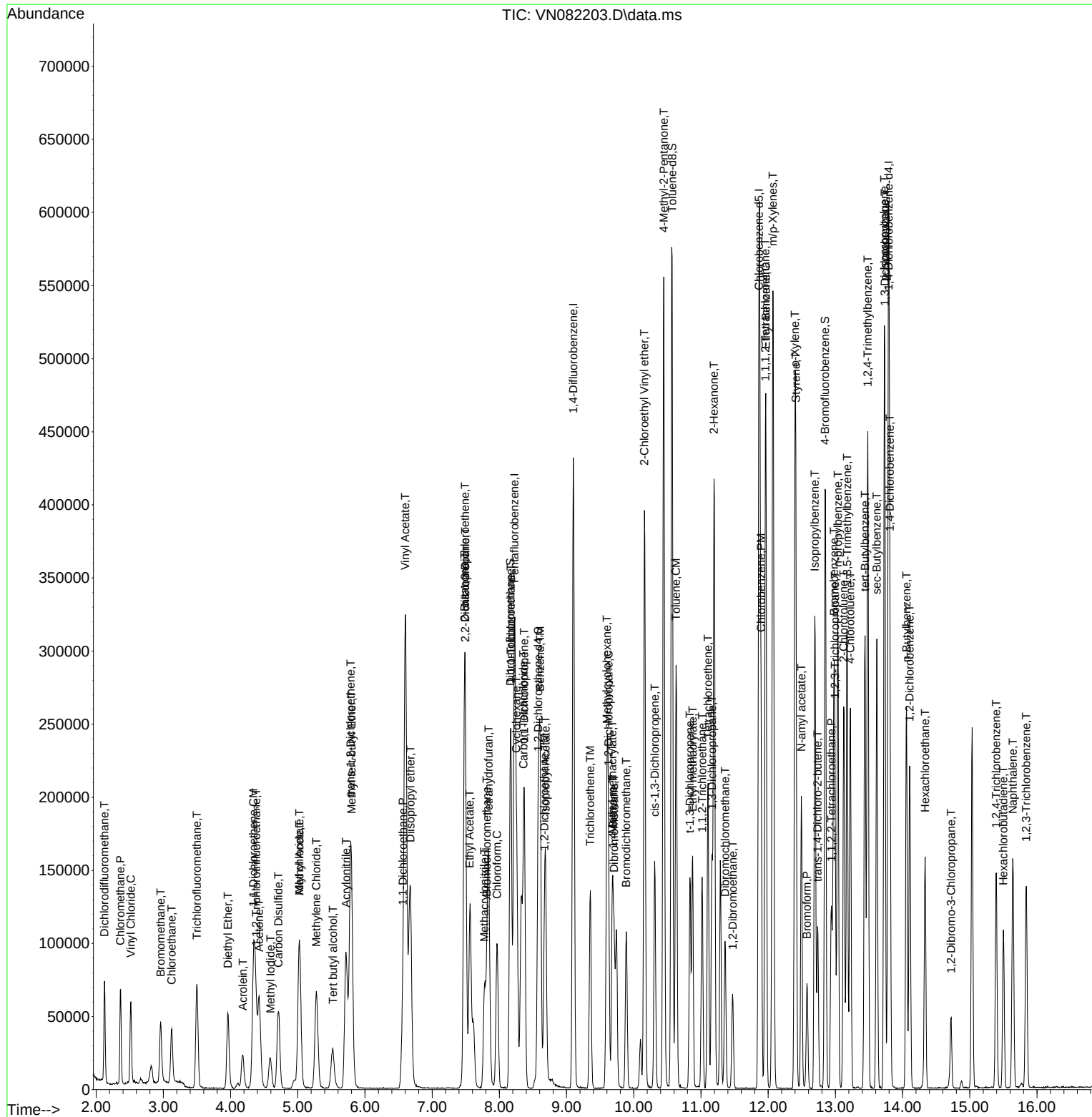
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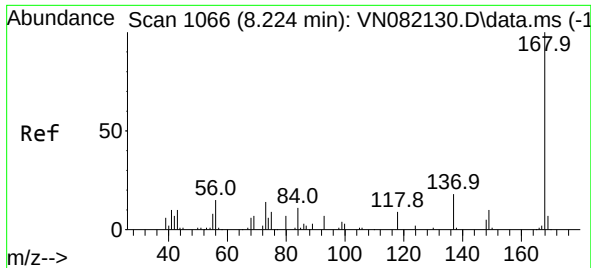
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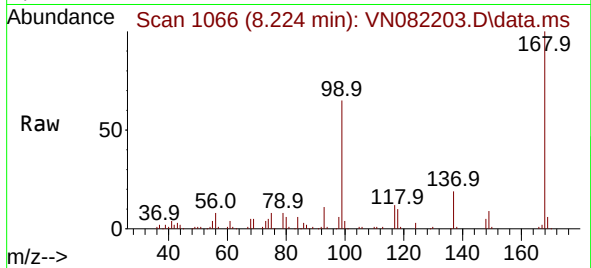
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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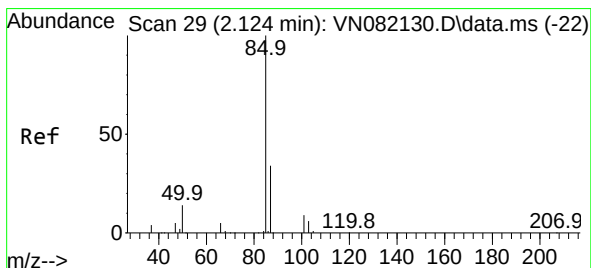
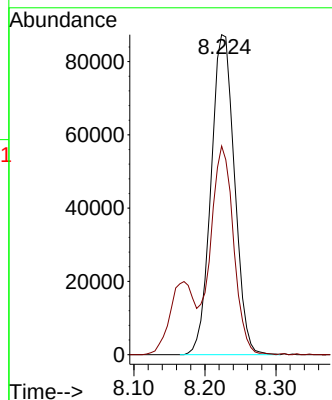
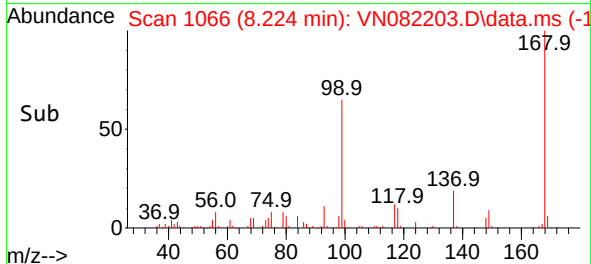
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 200295
Ion Ratio Lower Upper
168 100
99 64.9 48.2 72.4

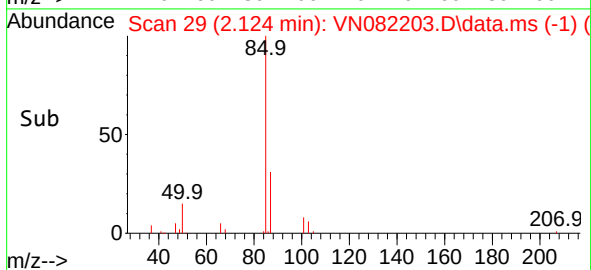
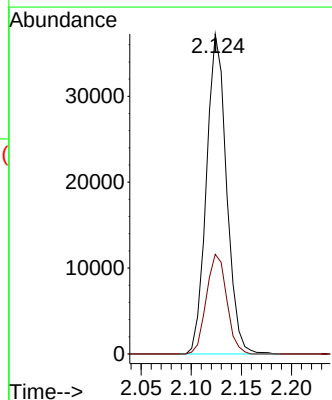
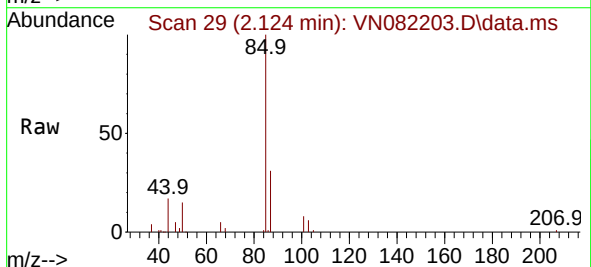
Manual Integrations
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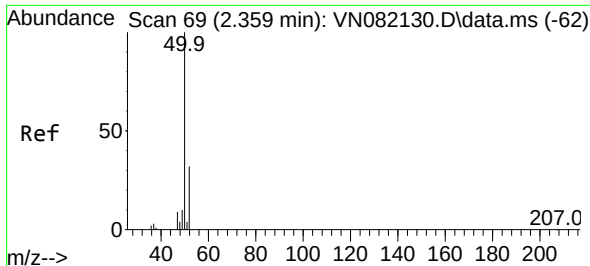
Reviewed By :John Carlone 05/21/2024
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#2
Dichlorodifluoromethane
Concen: 18.042 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

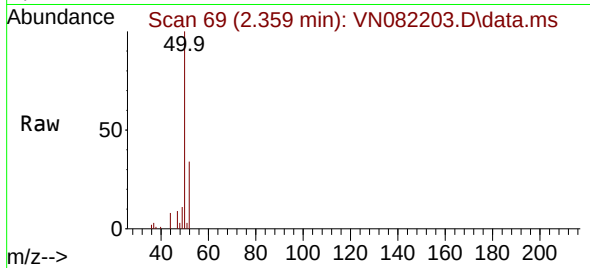
Tgt Ion: 85 Resp: 52101
Ion Ratio Lower Upper
85 100
87 31.2 15.8 47.4





#3
Chloromethane
Concen: 17.448 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

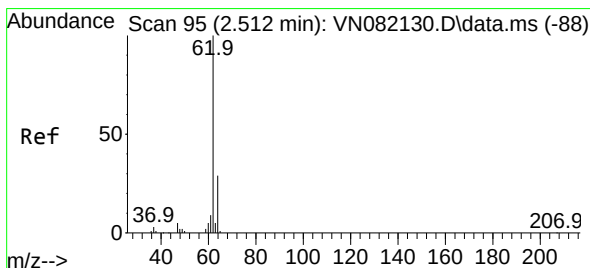
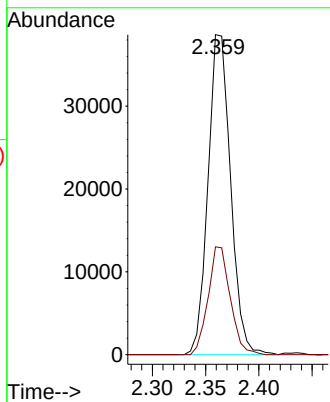
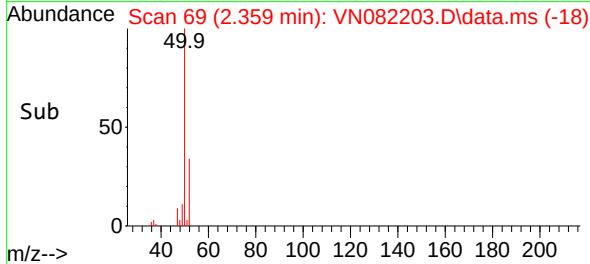
Instrument :
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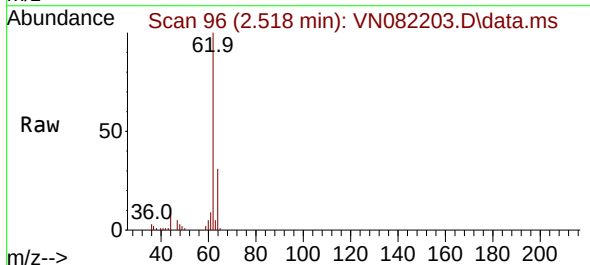
Tgt Ion: 50 Resp: 5710
Ion Ratio Lower Upper
50 100
52 33.7 25.5 38.3

Manual Integrations
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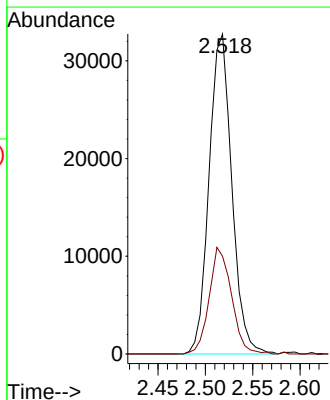
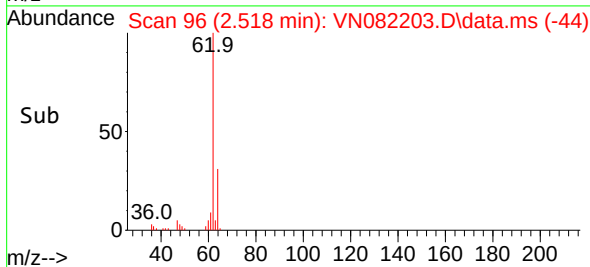
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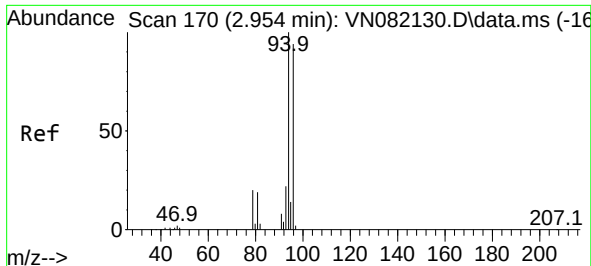


#4
Vinyl Chloride
Concen: 17.744 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24



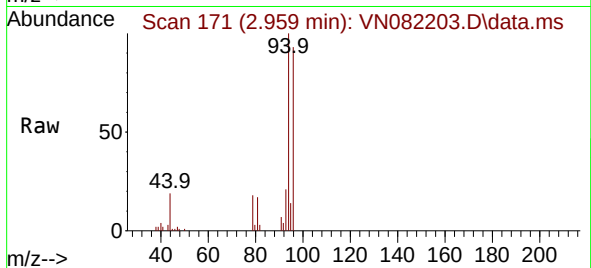
Tgt Ion: 62 Resp: 54592
Ion Ratio Lower Upper
62 100
64 30.6 24.6 37.0





#5
Bromomethane
Concen: 17.503 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

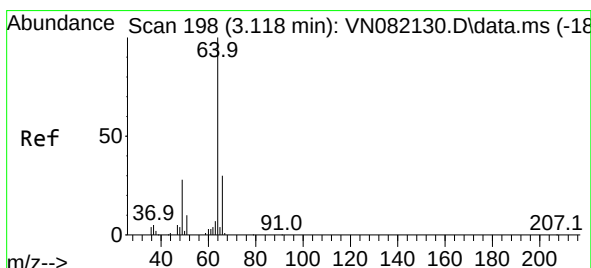
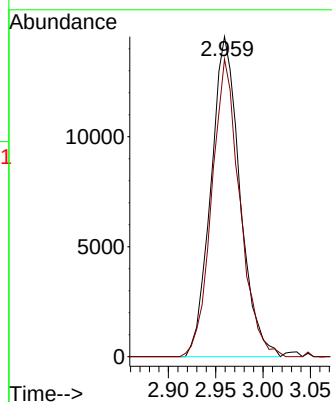
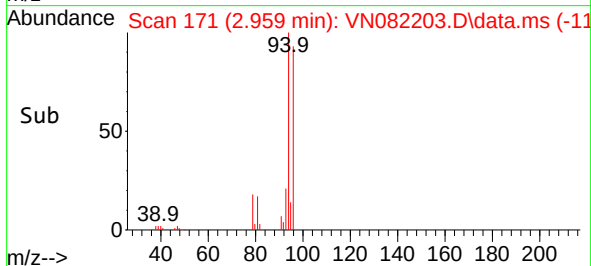
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Tgt Ion: 94 Resp: 30954
Ion Ratio Lower Upper
94 100
96 93.0 74.8 112.2

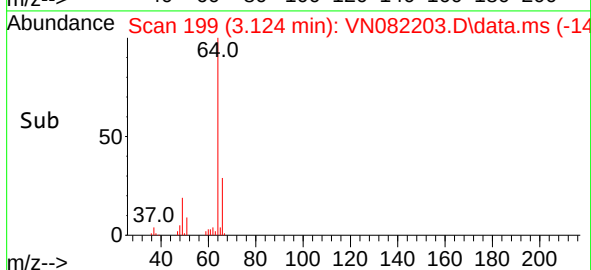
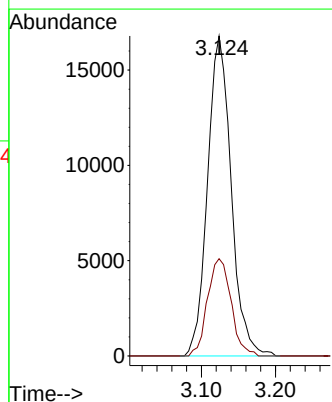
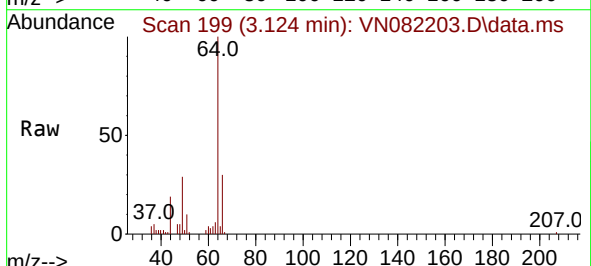
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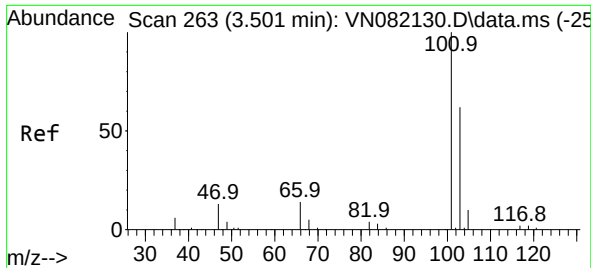
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#6
Chloroethane
Concen: 18.521 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

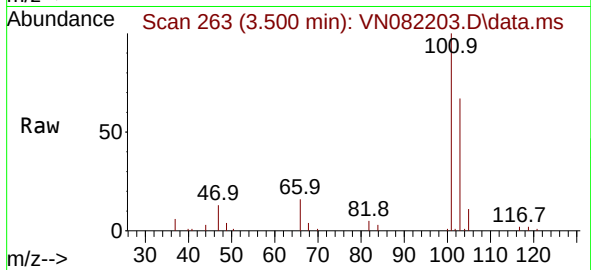
Tgt Ion: 64 Resp: 37208
Ion Ratio Lower Upper
64 100
66 30.4 24.7 37.1





#7
Trichlorofluoromethane
Concen: 18.702 ug/l
RT: 3.500 min Scan# 263
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

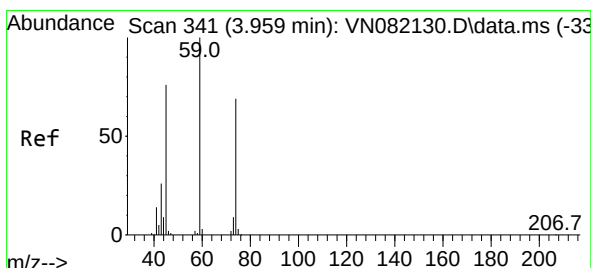
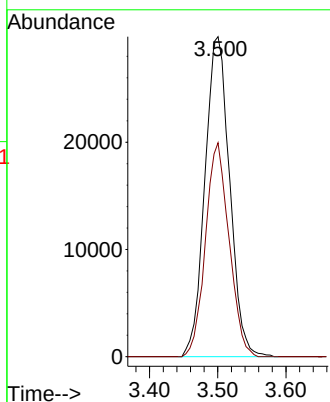
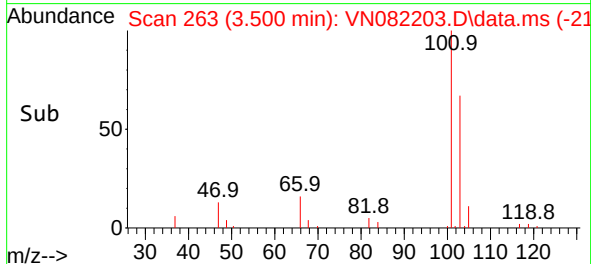
Instrument :
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Tgt Ion:101 Resp: 75348
Ion Ratio Lower Upper
101 100
103 66.9 50.6 75.8

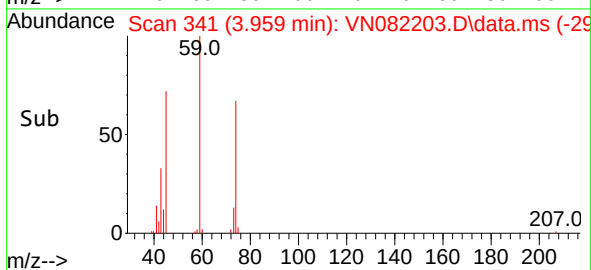
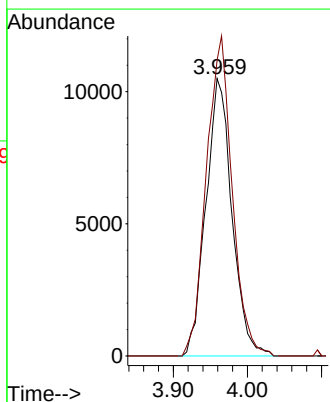
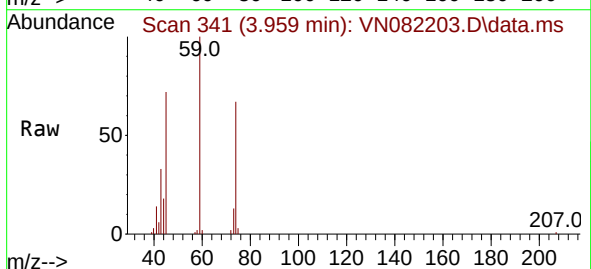
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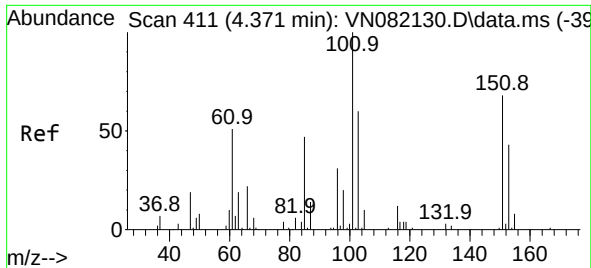
Reviewed By :John Carlone 05/21/2024
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#8
Diethyl Ether
Concen: 17.860 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

Tgt Ion: 74 Resp: 25633
Ion Ratio Lower Upper
74 100
45 114.6 42.4 127.3





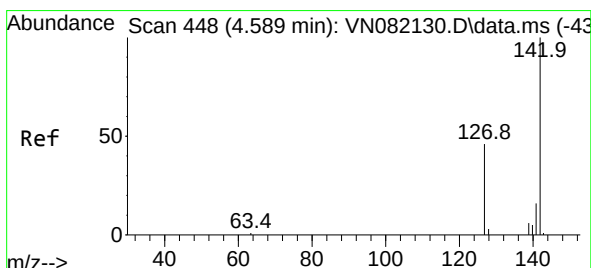
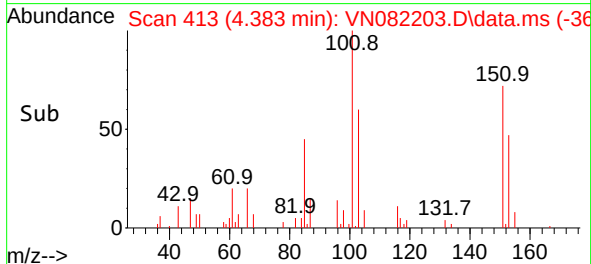
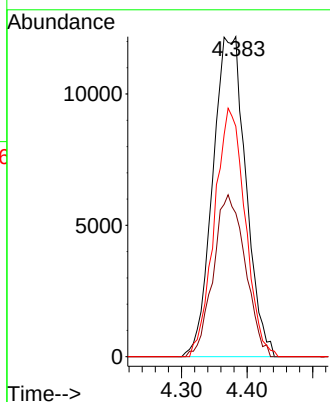
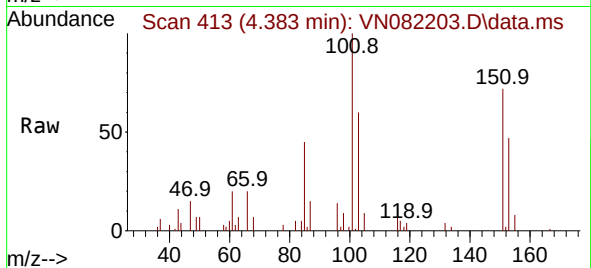
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.114 ug/l
RT: 4.383 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01

Tgt Ion:101 Resp: 4263
Ion Ratio Lower Upper
101 100
85 48.8 37.3 55.9
151 72.2 59.2 88.8

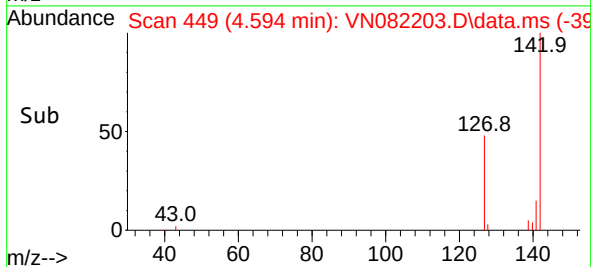
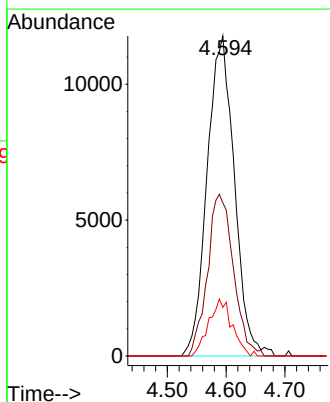
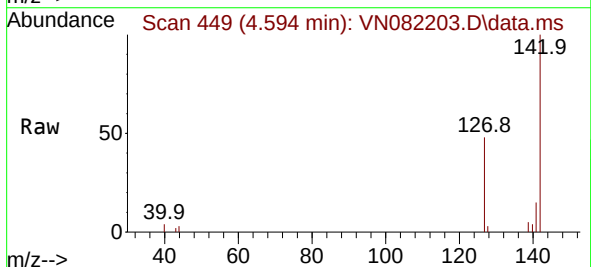
Manual Integrations
APPROVED

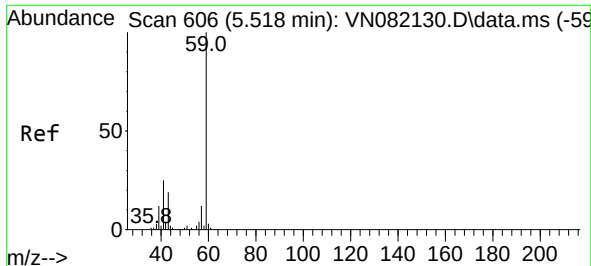
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#10
Methyl Iodide
Concen: 16.033 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

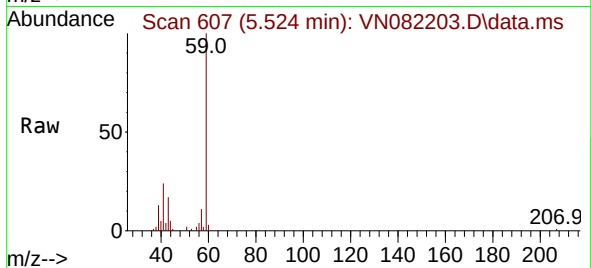
Tgt Ion:142 Resp: 37934
Ion Ratio Lower Upper
142 100
127 47.8 35.8 53.6
141 15.2 11.4 17.2





#11
Tert butyl alcohol
Concen: 92.983 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

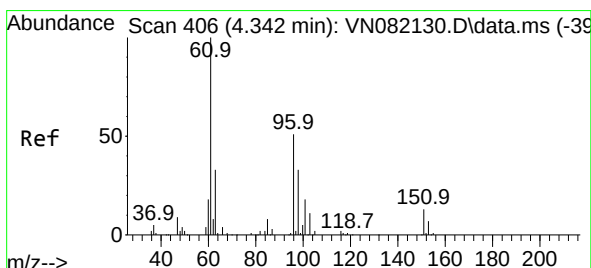
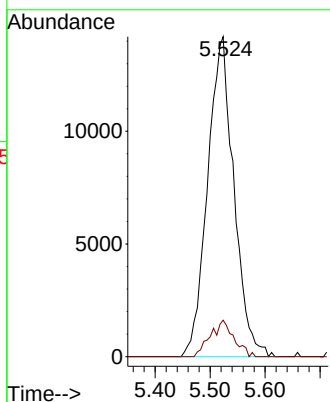
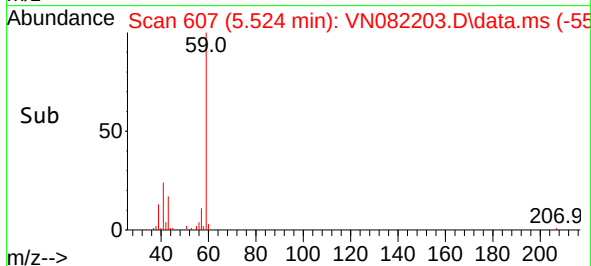
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



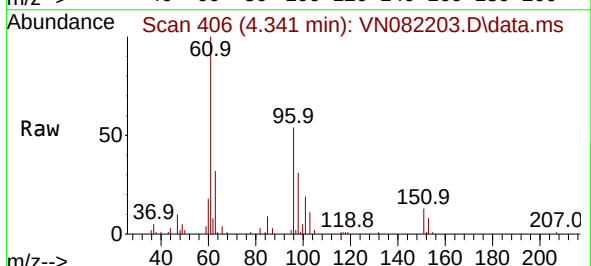
Tgt Ion: 59 Resp: 47200
Ion Ratio Lower Upper
59 100
57 10.1 8.9 13.3

Manual Integrations
APPROVED

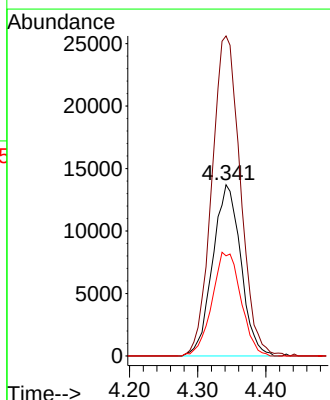
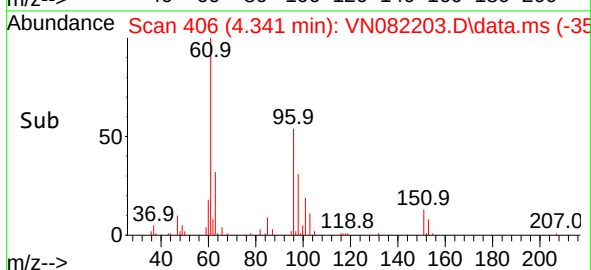
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

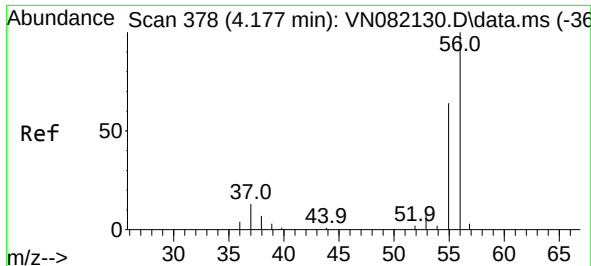


#12
1,1-Dichloroethene
Concen: 17.976 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24



Tgt Ion: 96 Resp: 39322
Ion Ratio Lower Upper
96 100
61 186.9 119.7 179.5#
98 58.5 49.6 74.4





#13

Acrolein

Concen: 75.399 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN082203.D

Acq: 20 May 2024 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBS01

Tgt Ion: 56 Resp: 2836

Ion Ratio Lower Upper

56 100

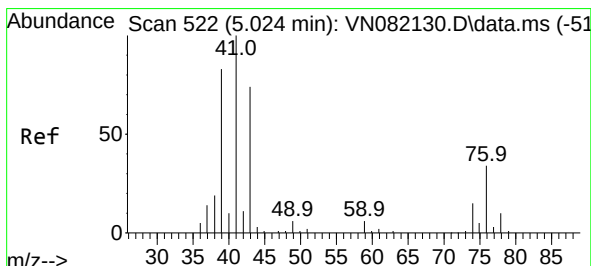
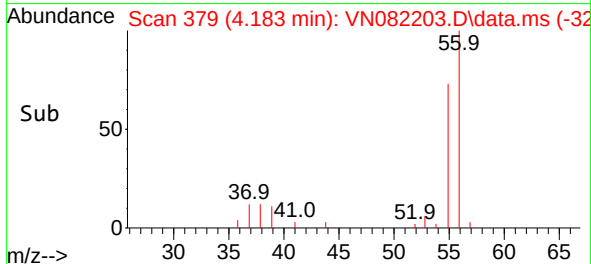
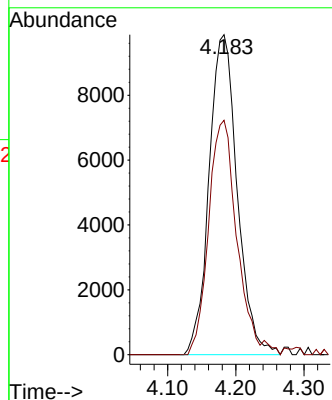
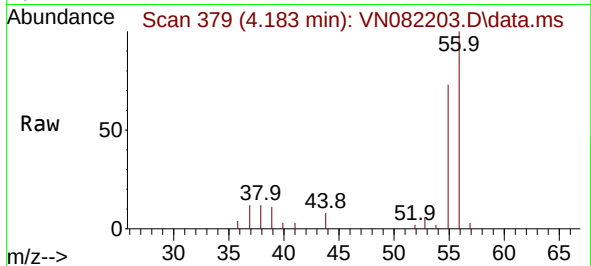
55 73.8 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#14

Allyl chloride

Concen: 17.323 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN082203.D

Acq: 20 May 2024 12:24

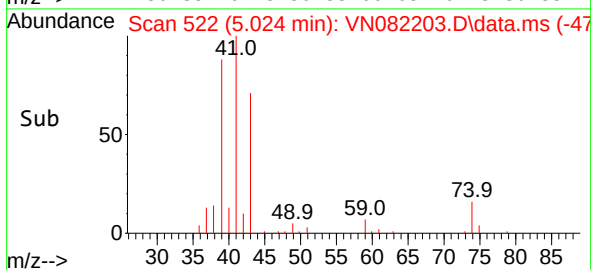
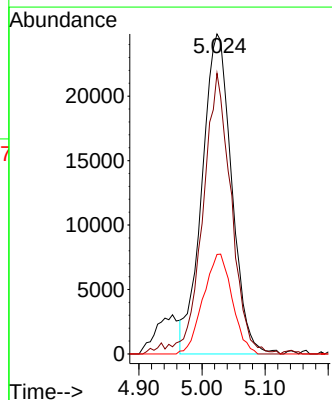
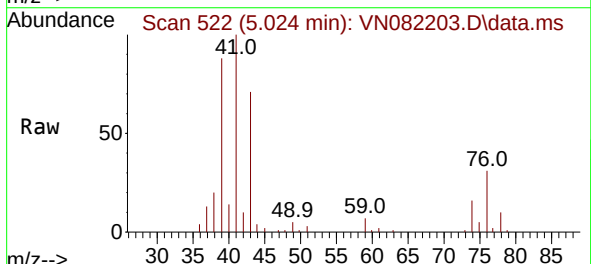
Tgt Ion: 41 Resp: 81130

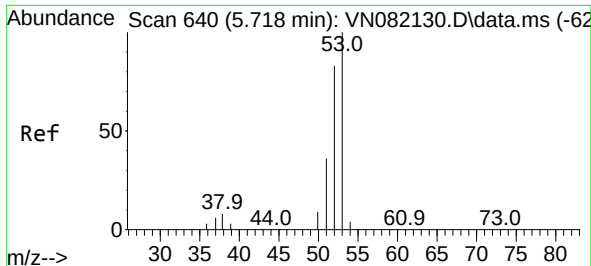
Ion Ratio Lower Upper

41 100

39 82.6 65.4 98.0

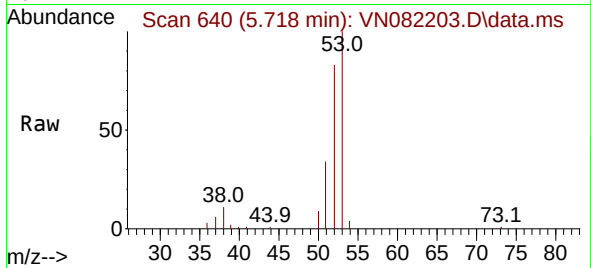
76 30.4 37.3 55.9#





#15
Acrylonitrile
Concen: 92.663 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

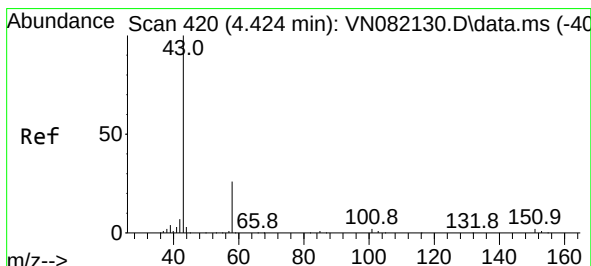
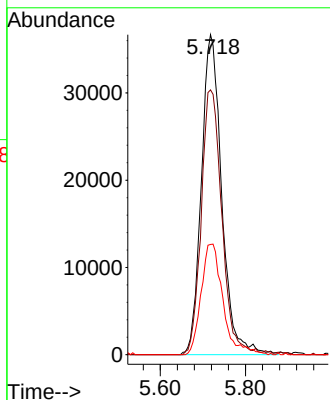
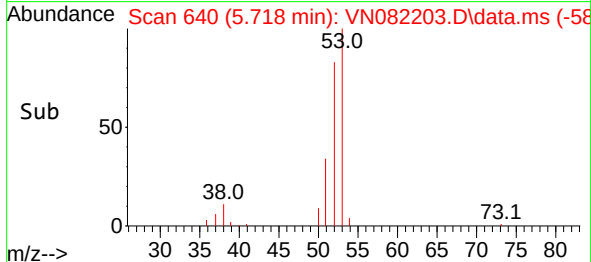
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



Tgt Ion: 53 Resp: 12183
Ion Ratio Lower Upper
53 100
52 83.6 66.1 99.1
51 37.0 29.4 44.2

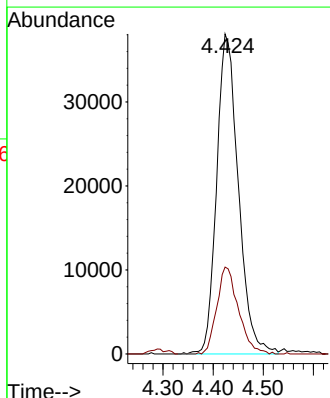
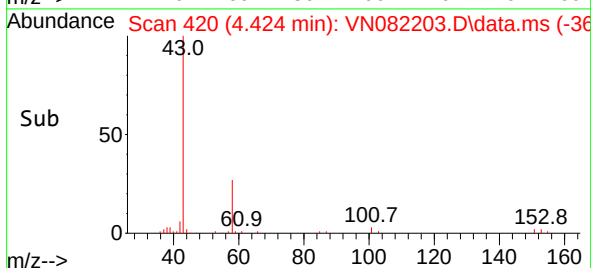
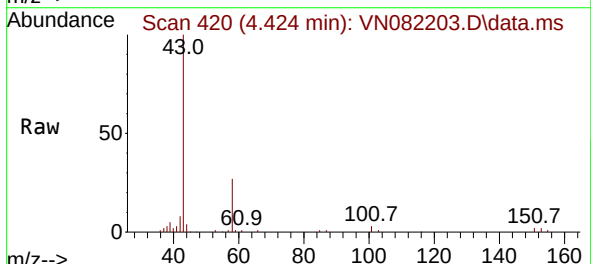
Manual Integrations
APPROVED

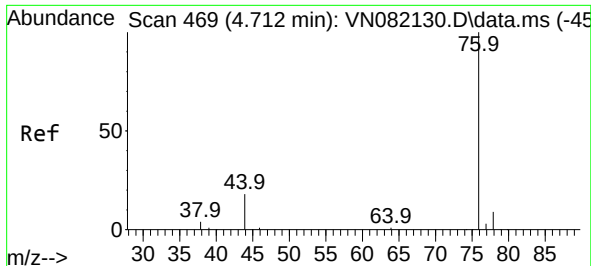
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#16
Acetone
Concen: 88.246 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

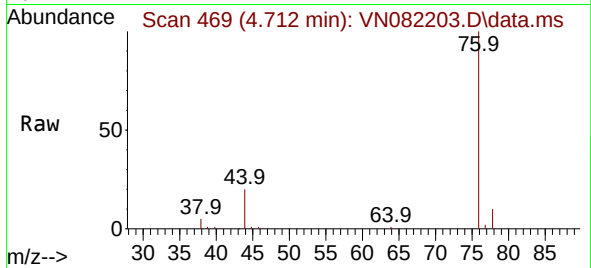
Tgt Ion: 43 Resp: 114490
Ion Ratio Lower Upper
43 100
58 27.2 25.2 37.8





#17
Carbon Disulfide
Concen: 16.706 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

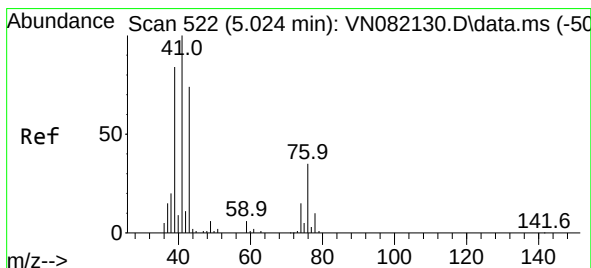
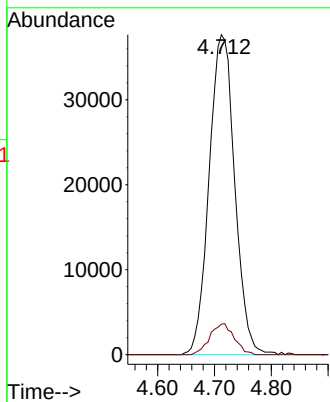
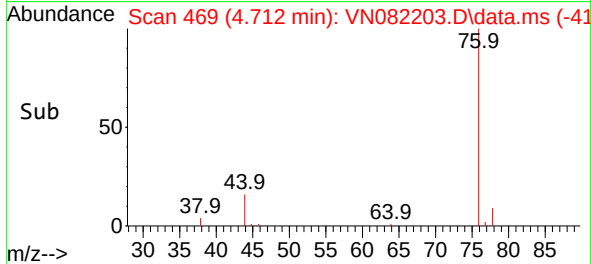
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



Tgt Ion: 76 Resp: 118020
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3

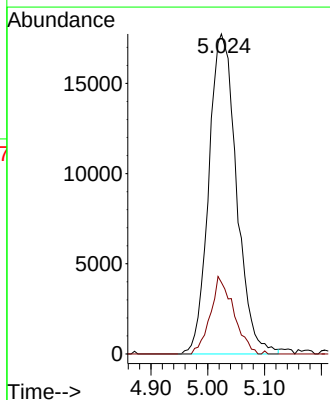
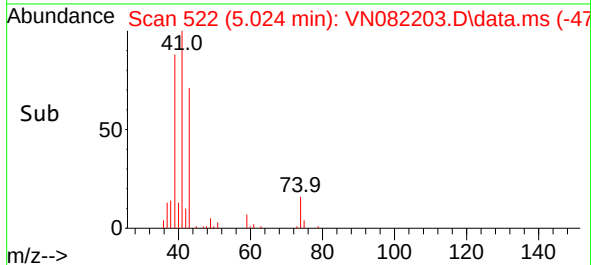
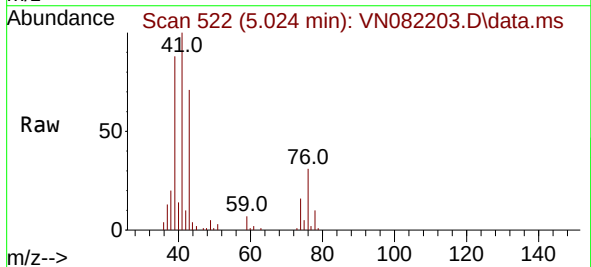
Manual Integrations
APPROVED

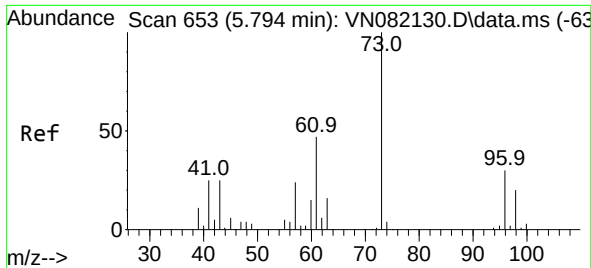
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#18
Methyl Acetate
Concen: 18.622 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

Tgt Ion: 43 Resp: 60169
Ion Ratio Lower Upper
43 100
74 20.3 22.2 33.2#





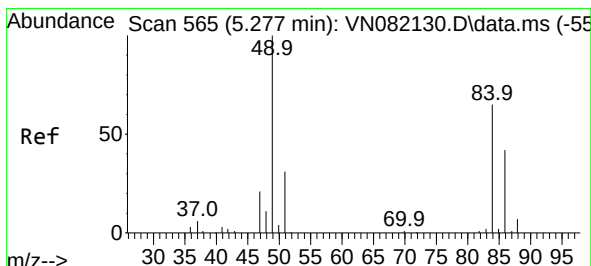
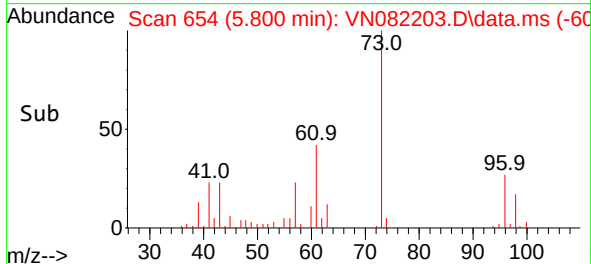
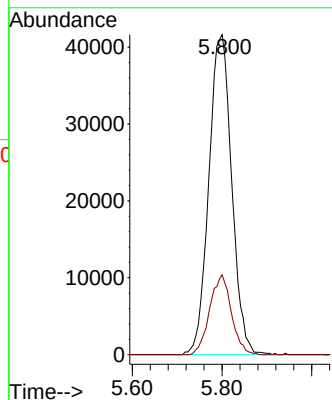
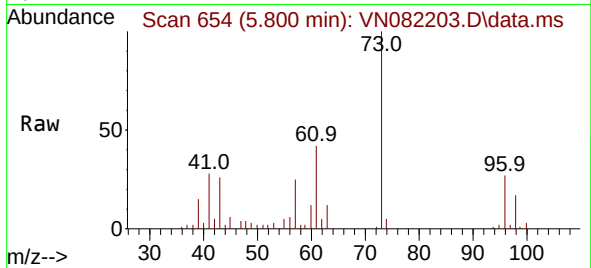
#19
Methyl tert-butyl Ether
Concen: 18.450 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01

Tgt Ion: 73 Resp: 147519
Ion Ratio Lower Upper
73 100
57 25.0 16.5 24.7

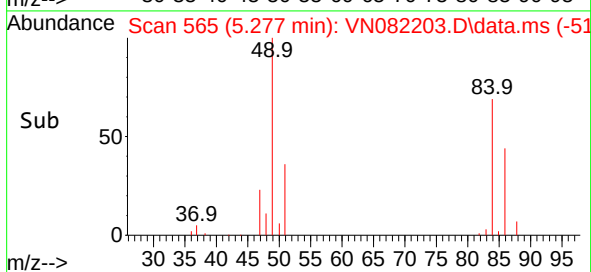
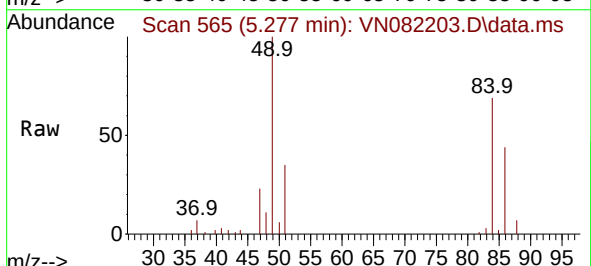
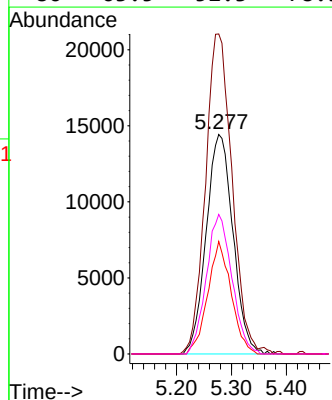
Manual Integrations
APPROVED

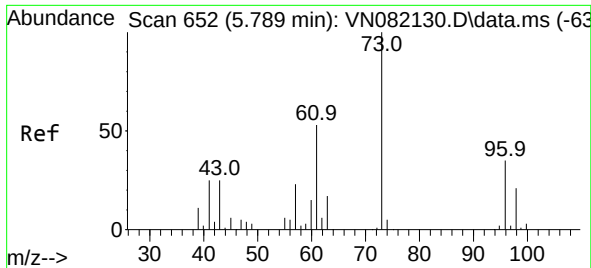
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#20
Methylene Chloride
Concen: 18.700 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

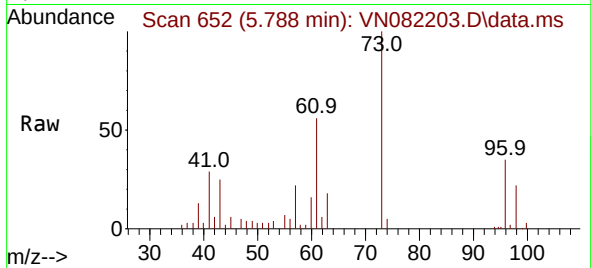
Tgt Ion: 84 Resp: 48951
Ion Ratio Lower Upper
84 100
49 145.7 84.9 127.3#
51 51.2 27.0 40.6#
86 63.5 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 17.669 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

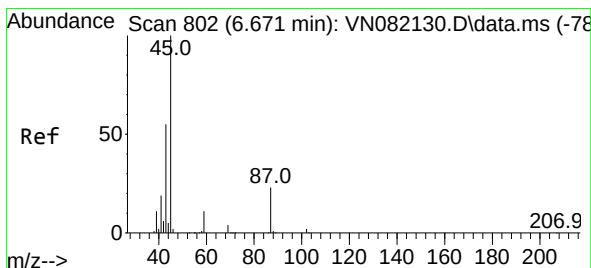
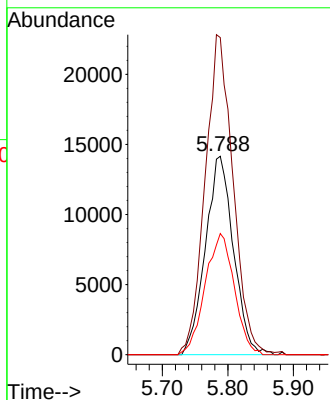
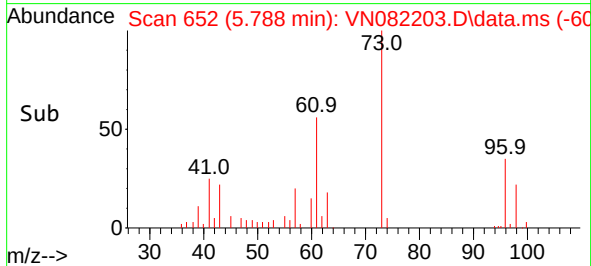
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



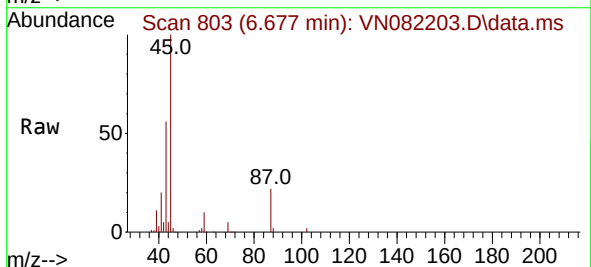
Tgt Ion: 96 Resp: 42120
Ion Ratio Lower Upper
96 100
61 159.9 96.5 144.7
98 61.1 51.3 76.9

Manual Integrations
APPROVED

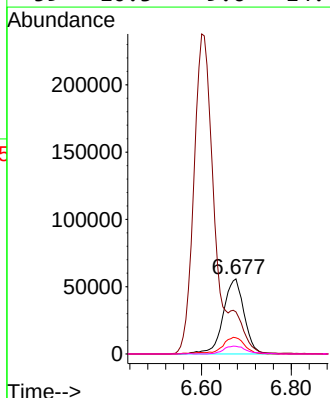
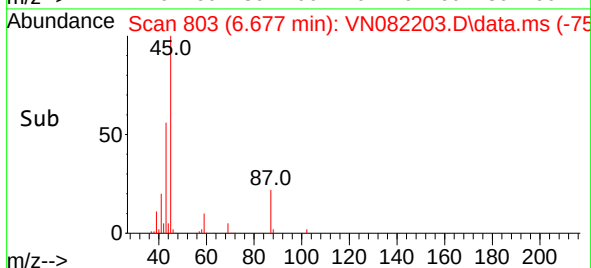
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

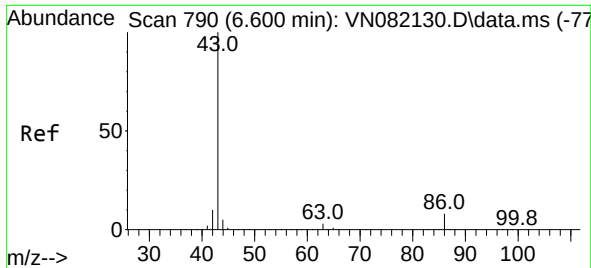


#22
Diisopropyl ether
Concen: 18.490 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24



Tgt Ion: 45 Resp: 180827
Ion Ratio Lower Upper
45 100
43 55.2 44.1 66.1
87 21.6 27.0 40.6
59 10.3 9.6 14.4





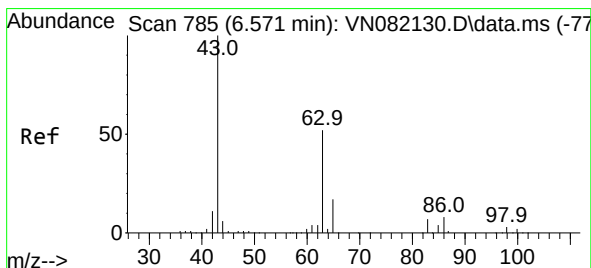
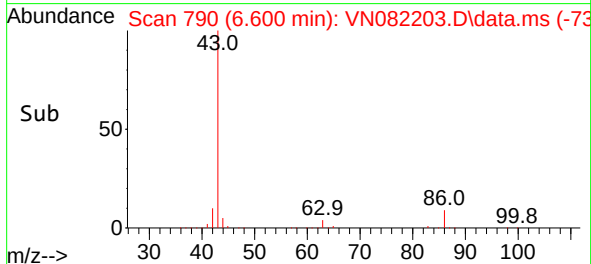
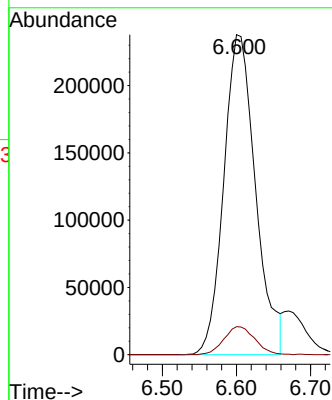
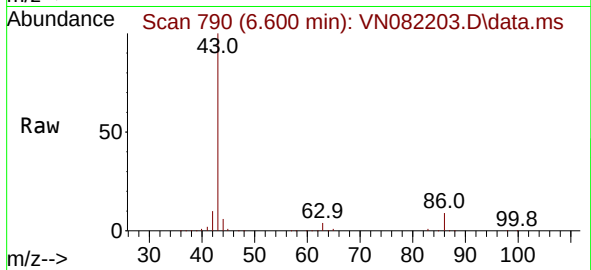
#23
 Vinyl Acetate
 Concen: 91.915 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN082203.D
 Acq: 20 May 2024 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0520WBS01

Tgt Ion: 43 Resp: 70869
 Ion Ratio Lower Upper
 43 100
 86 8.7 10.2 15.4

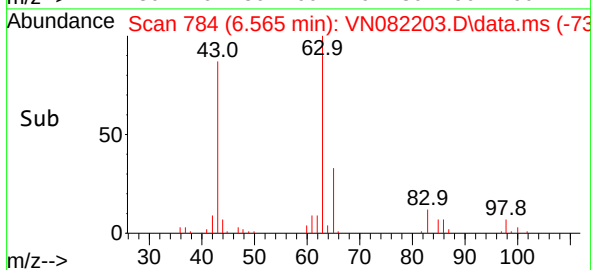
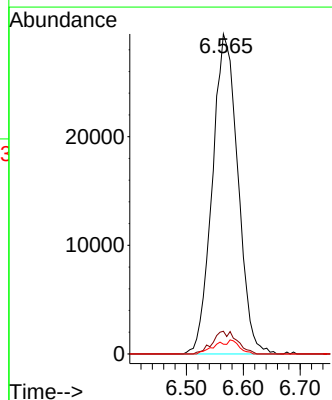
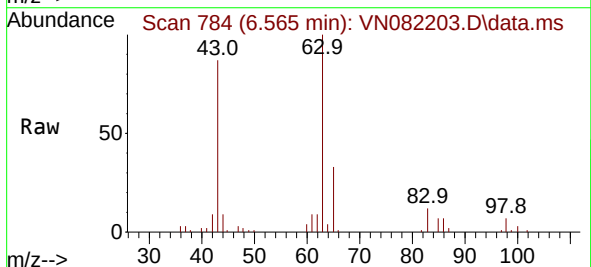
Manual Integrations
 APPROVED

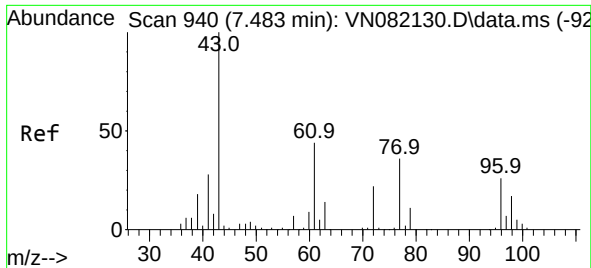
Reviewed By :John Carlone 05/21/2024
 Supervised By :Mahesh Dadoda 05/21/2024



#24
 1,1-Dichloroethane
 Concen: 18.266 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN082203.D
 Acq: 20 May 2024 12:24

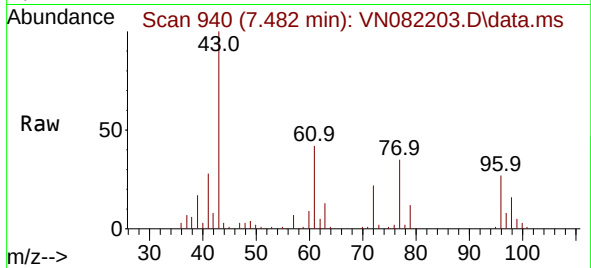
Tgt Ion: 63 Resp: 92074
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.9
 100 3.0 2.6 7.8





#25
2-Butanone
Concen: 93.058 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

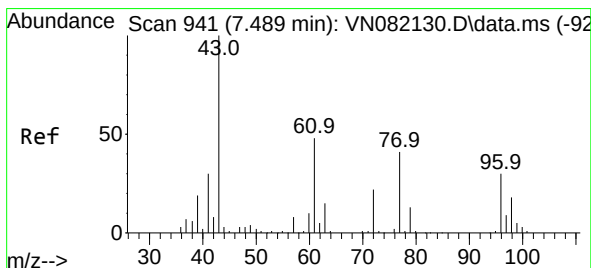
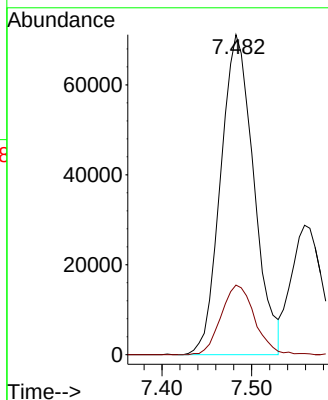
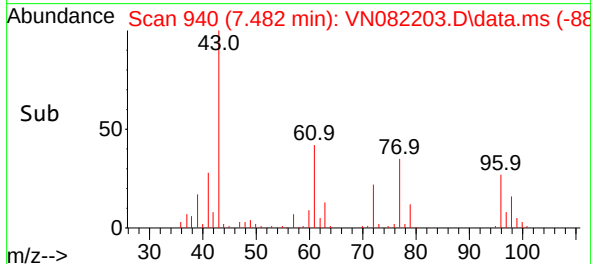
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



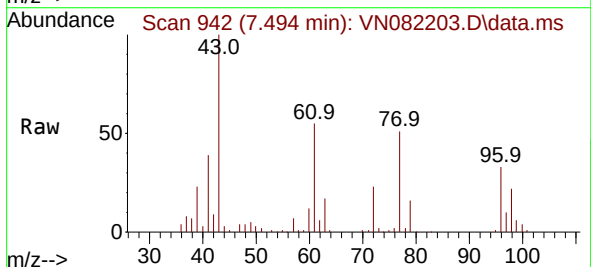
Tgt Ion: 43 Resp: 183050
Ion Ratio Lower Upper
43 100
72 21.8 25.3 37.9

Manual Integrations
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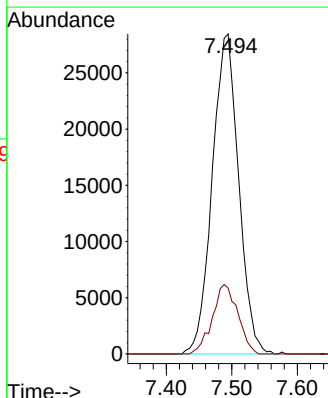
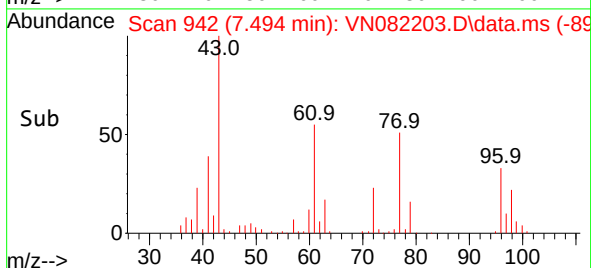
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

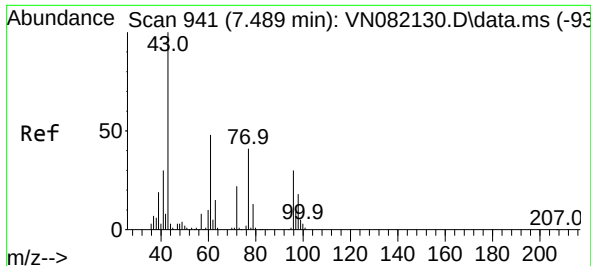


#26
2,2-Dichloropropane
Concen: 18.834 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24



Tgt Ion: 77 Resp: 79515
Ion Ratio Lower Upper
77 100
97 20.9 11.3 33.9





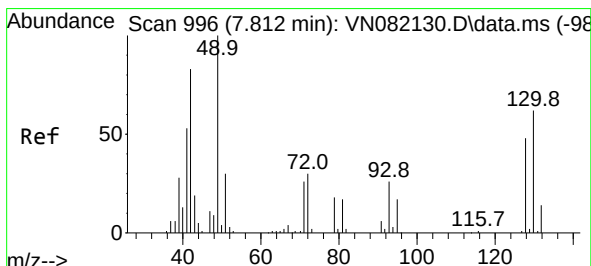
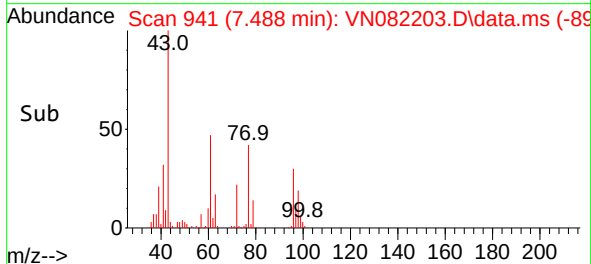
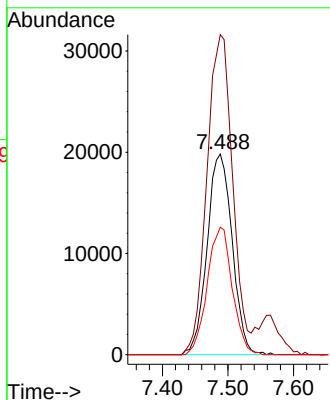
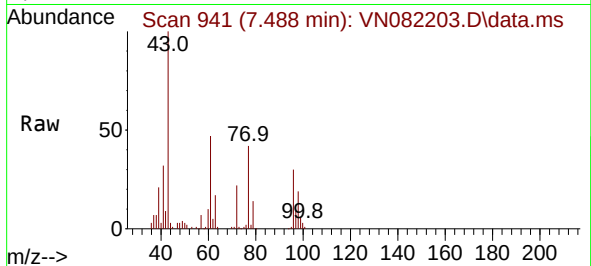
#27
 cis-1,2-Dichloroethene
 Concen: 18.752 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN082203.D
 Acq: 20 May 2024 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0520WBS01

Tgt Ion: 96 Resp: 5275
 Ion Ratio Lower Upper
 96 100
 61 163.2 0.0 268.0
 98 63.1 0.0 126.8

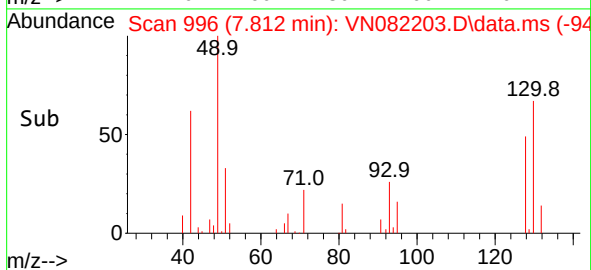
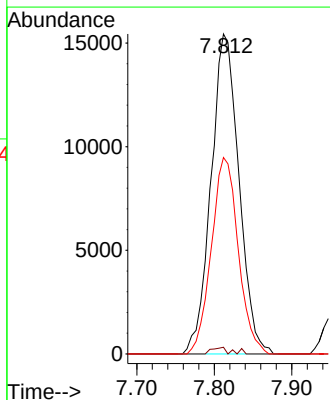
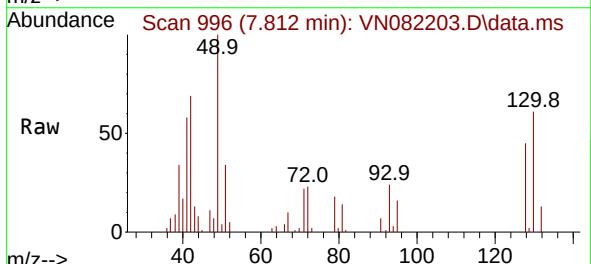
Manual Integrations
 APPROVED

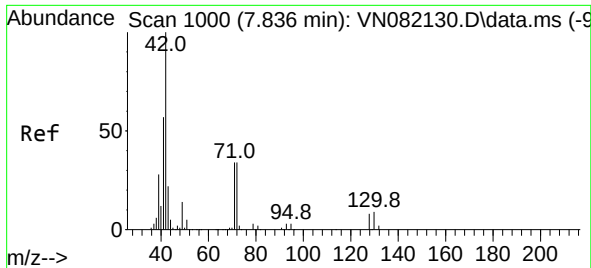
Reviewed By :John Carlone 05/21/2024
 Supervised By :Mahesh Dadoda 05/21/2024



#28
 Bromochloromethane
 Concen: 17.098 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN082203.D
 Acq: 20 May 2024 12:24

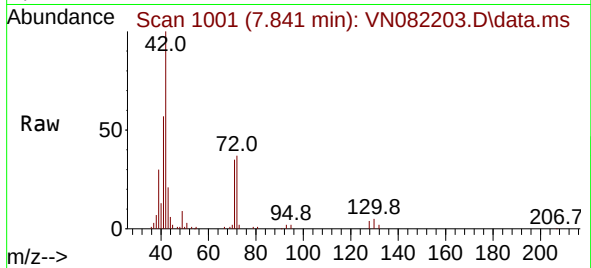
Tgt Ion: 49 Resp: 38743
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.6
 130 59.1 66.7 100.1#





#29
Tetrahydrofuran
Concen: 92.205 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.005 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

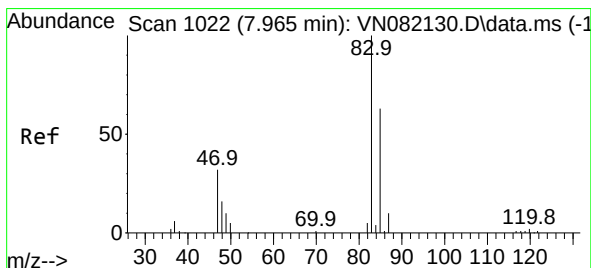
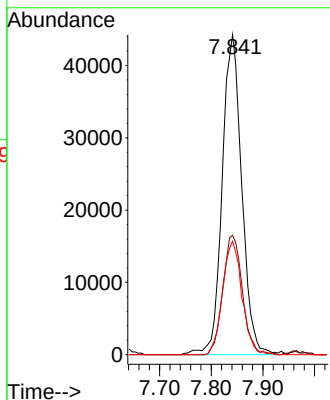
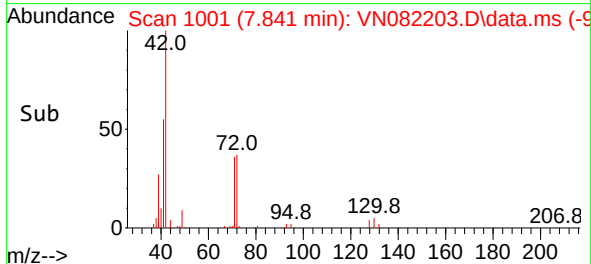
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



Tgt Ion: 42 Resp: 116452
Ion Ratio Lower Upper
42 100
72 37.2 39.3 58.9
71 35.1 37.4 56.0

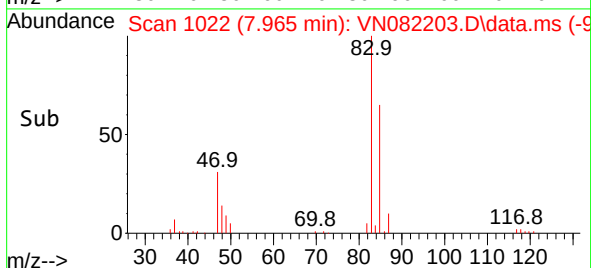
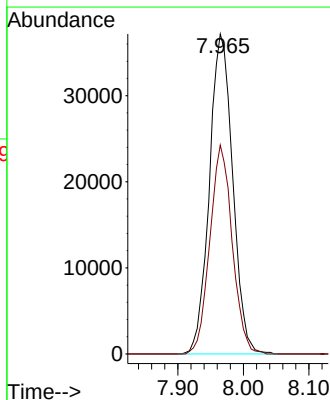
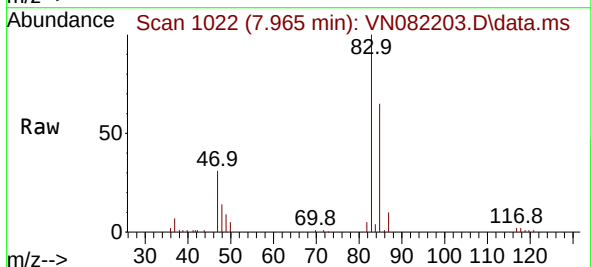
Manual Integrations
APPROVED

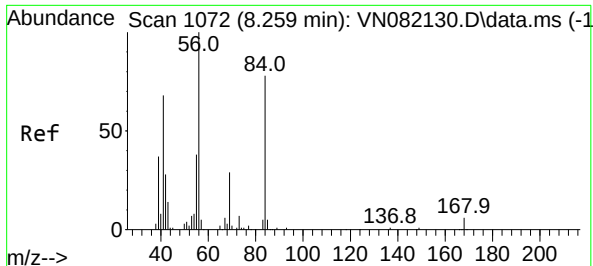
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#30
Chloroform
Concen: 19.028 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

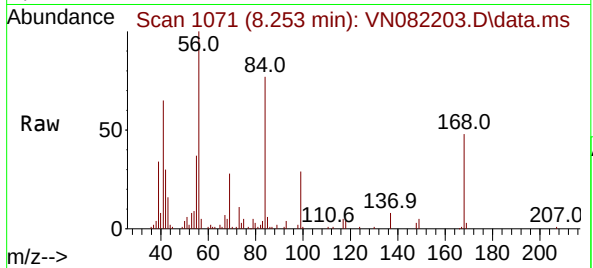
Tgt Ion: 83 Resp: 91592
Ion Ratio Lower Upper
83 100
85 65.3 50.7 76.1





#31
Cyclohexane
Concen: 16.740 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

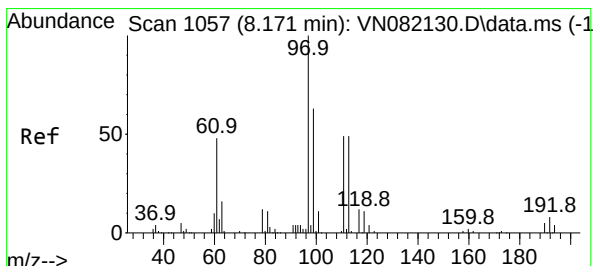
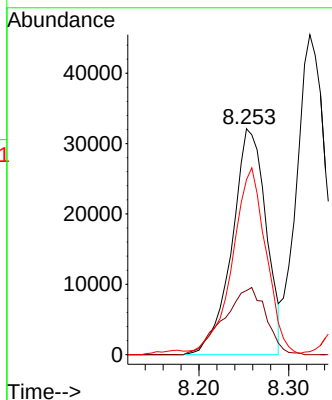
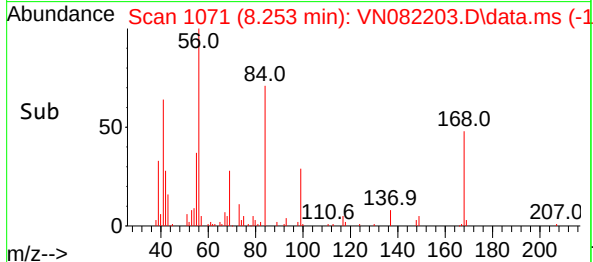
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



Tgt Ion: 56 Resp: 84558
Ion Ratio Lower Upper
56 100
69 28.4 24.4 36.6
84 75.5 77.0 115.4

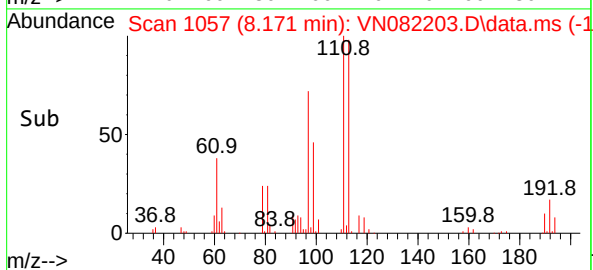
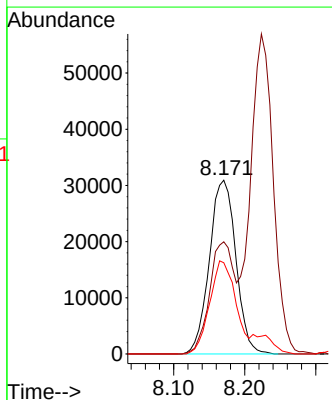
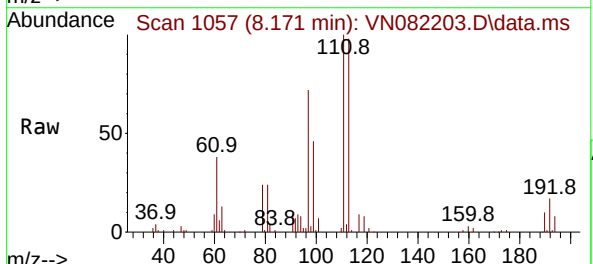
Manual Integrations
APPROVED

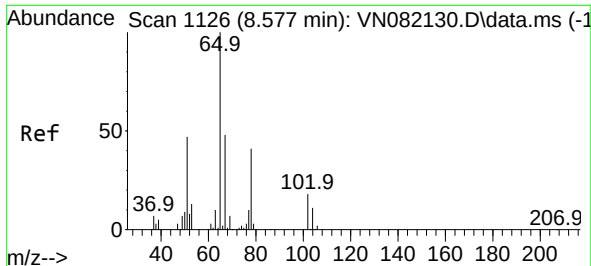
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#32
1,1,1-Trichloroethane
Concen: 18.744 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

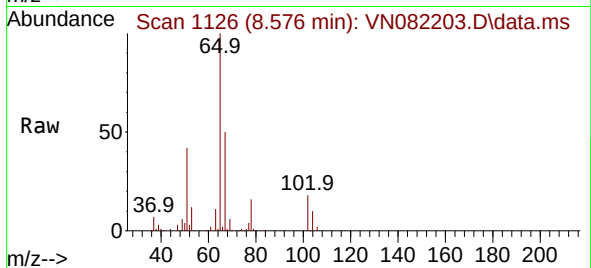
Tgt Ion: 97 Resp: 80046
Ion Ratio Lower Upper
97 100
99 59.4 50.3 75.5
61 52.8 36.6 55.0





#33
1,2-Dichloroethane-d4
Concen: 46.206 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

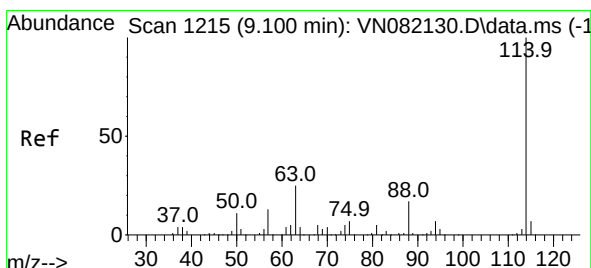
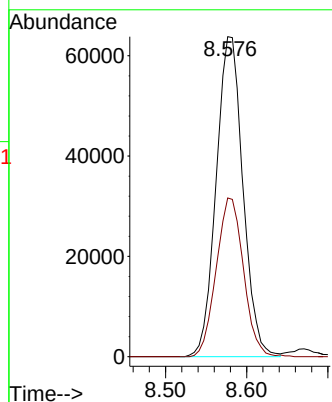
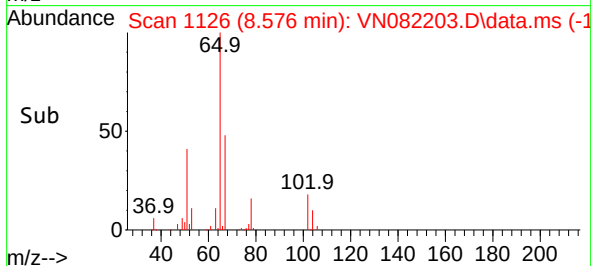
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



Tgt Ion: 65 Resp: 14613
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.0

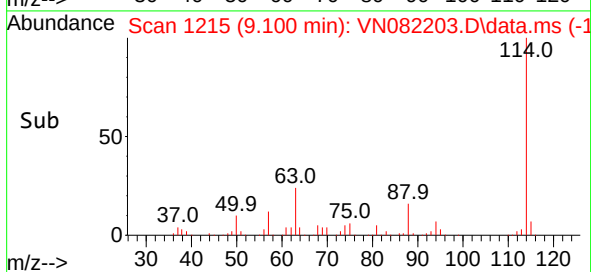
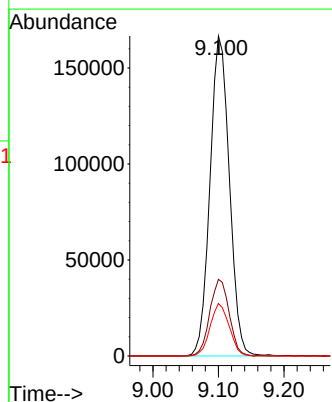
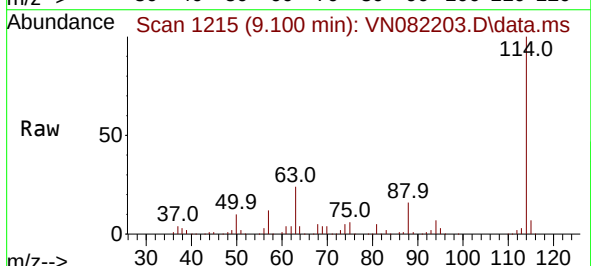
Manual Integrations
APPROVED

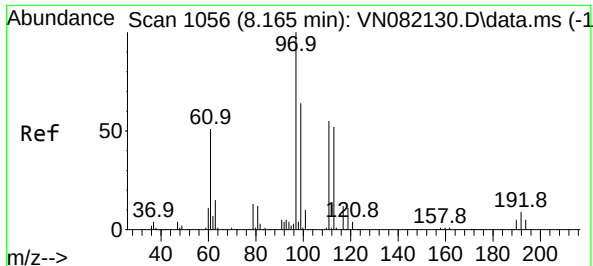
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

Tgt Ion:114 Resp: 341951
Ion Ratio Lower Upper
114 100
63 24.0 0.0 41.0
88 16.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.588 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082203.D

Acq: 20 May 2024 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBS01

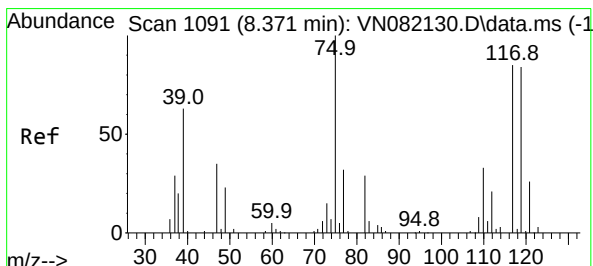
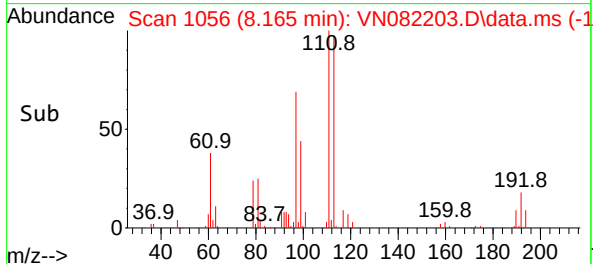
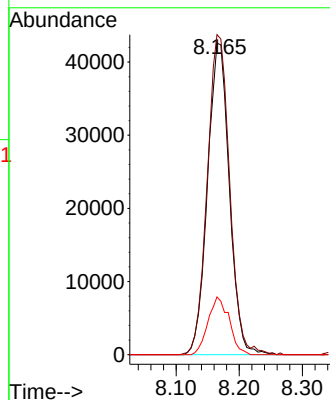
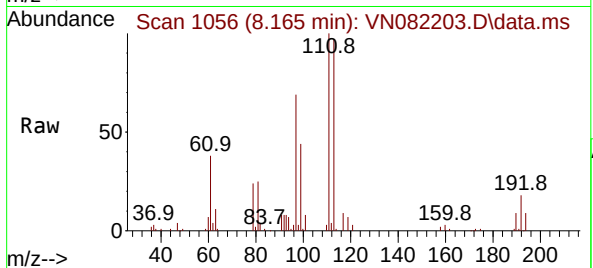
Tgt Ion:	113	Resp:	102200
Ion Ratio	Lower	Upper	
113	100		
111	105.3	83.4	125.2
192	18.0	14.0	21.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#36

1,1-Dichloropropene

Concen: 18.238 ug/l

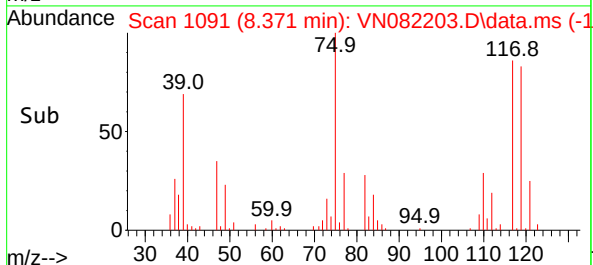
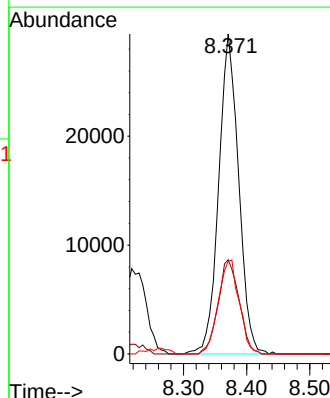
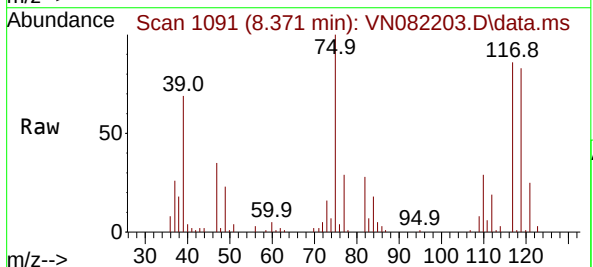
RT: 8.371 min Scan# 1091

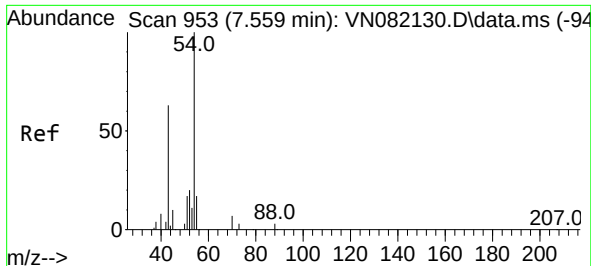
Delta R.T. -0.000 min

Lab File: VN082203.D

Acq: 20 May 2024 12:24

Tgt Ion:	75	Resp:	64344
Ion Ratio	Lower	Upper	
75	100		
110	31.0	17.8	53.5
77	30.8	25.0	37.4





#37

Ethyl Acetate

Concen: 18.782 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN082203.D

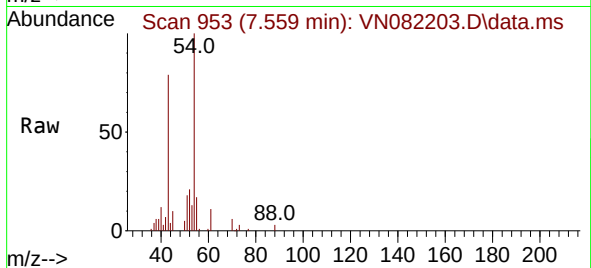
Acq: 20 May 2024 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBS01



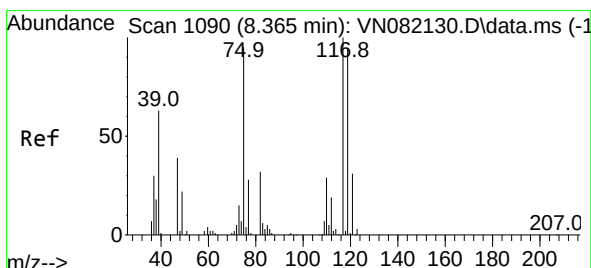
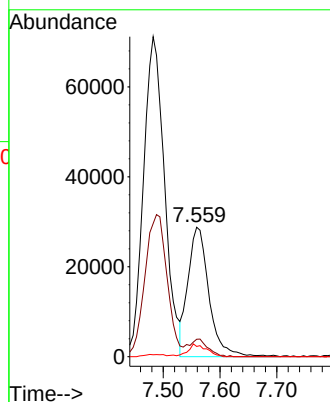
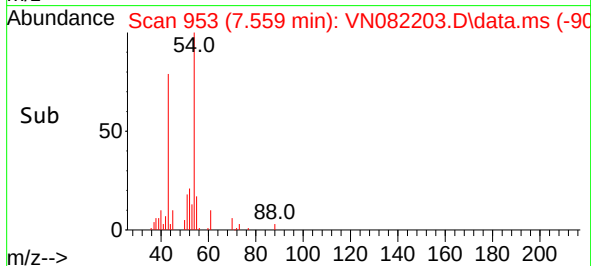
Tgt Ion:	43	Resp:	7415
Ion	Ratio	Lower	Upper
43	100		
61	12.3	11.3	16.9
70	8.6	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#38

Carbon Tetrachloride

Concen: 18.923 ug/l

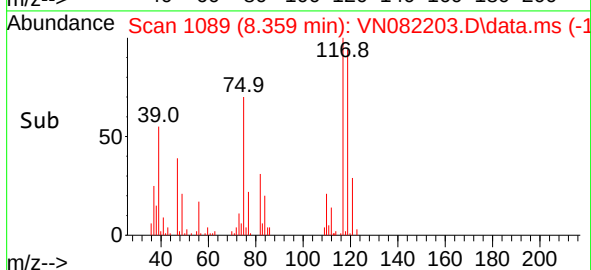
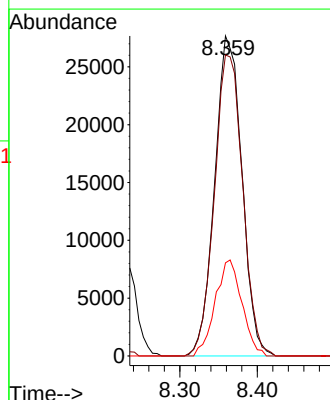
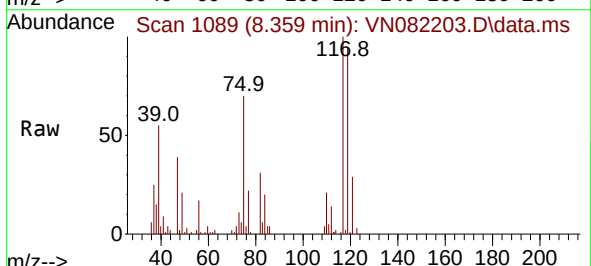
RT: 8.359 min Scan# 1089

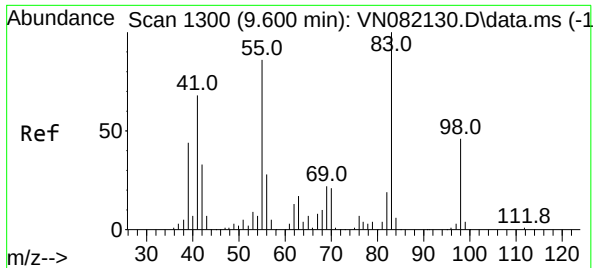
Delta R.T. -0.006 min

Lab File: VN082203.D

Acq: 20 May 2024 12:24

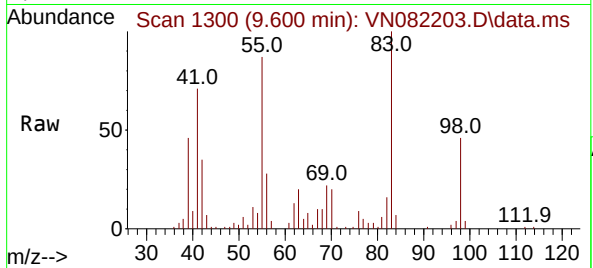
Tgt Ion:	117	Resp:	67674
Ion	Ratio	Lower	Upper
117	100		
119	94.1	76.5	114.7
121	29.1	23.9	35.9





#39
Methylcyclohexane
Concen: 18.332 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

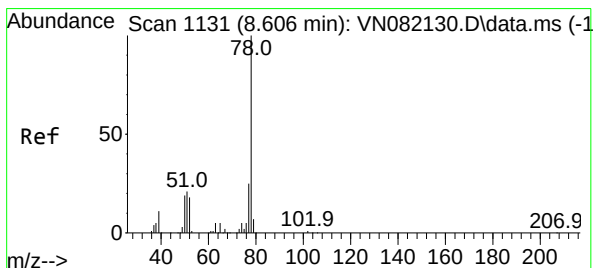
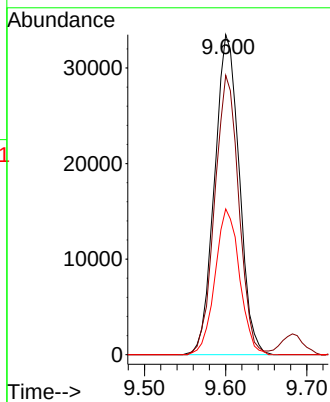
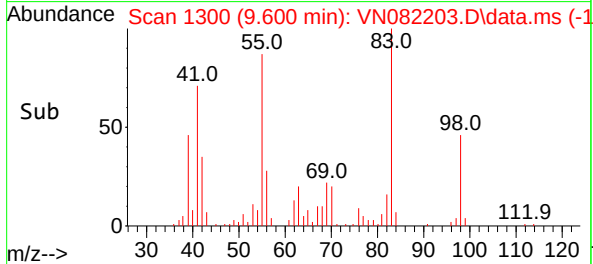
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



Tgt Ion: 83 Resp: 70892
Ion Ratio Lower Upper
83 100
55 87.3 53.0 79.6
98 45.6 37.1 55.7

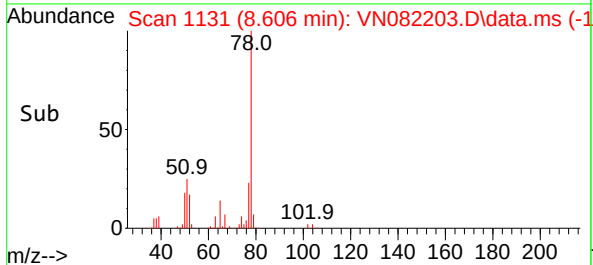
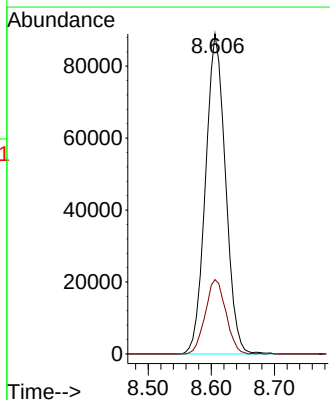
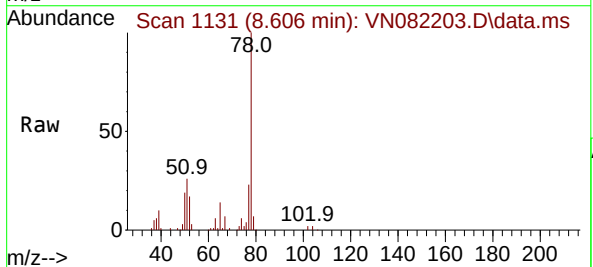
Manual Integrations
APPROVED

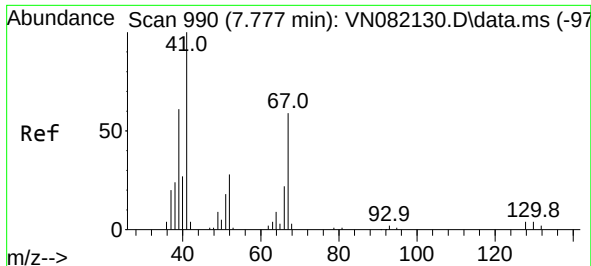
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#40
Benzene
Concen: 18.599 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

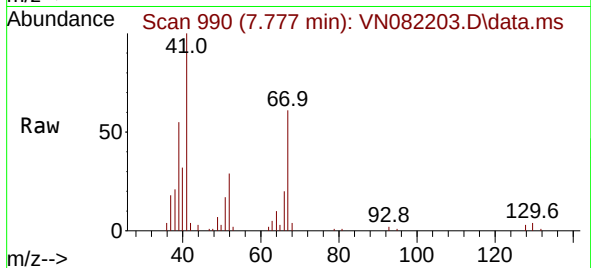
Tgt Ion: 78 Resp: 195664
Ion Ratio Lower Upper
78 100
77 23.3 20.0 30.0





#41
Methacrylonitrile
Concen: 18.088 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

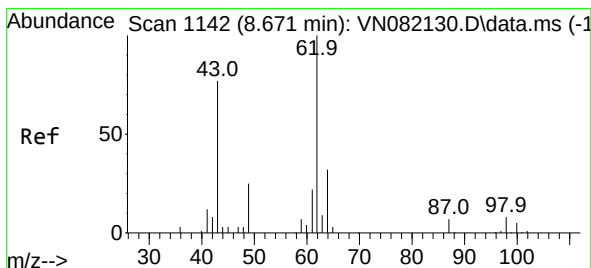
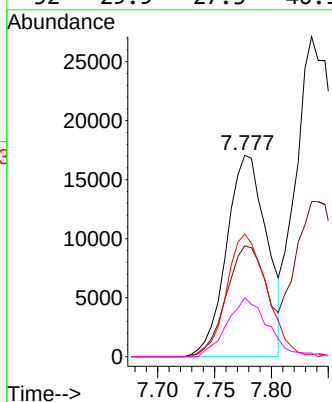
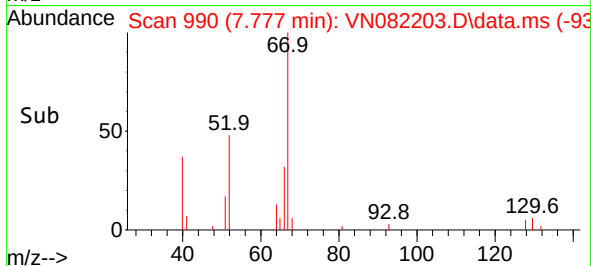
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



Tgt Ion: 41 Resp: 42000
Ion Ratio Lower Upper
41 100
39 56.1 46.6 69.8
67 61.1 67.3 100.9
52 29.9 27.3 40.9

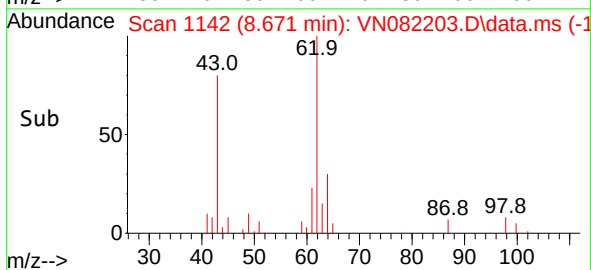
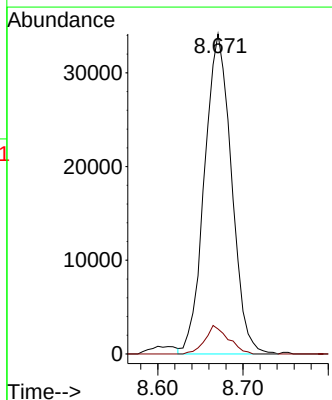
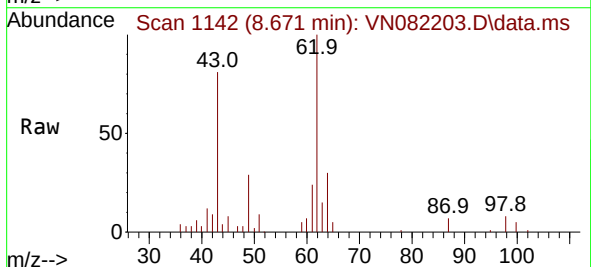
Manual Integrations
APPROVED

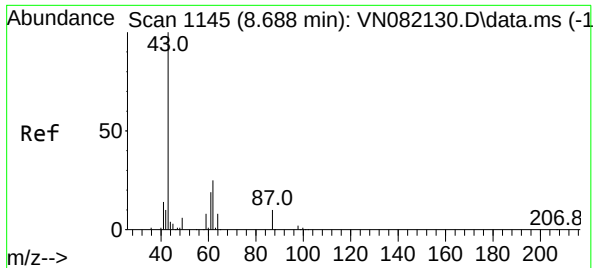
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#42
1,2-Dichloroethane
Concen: 18.625 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

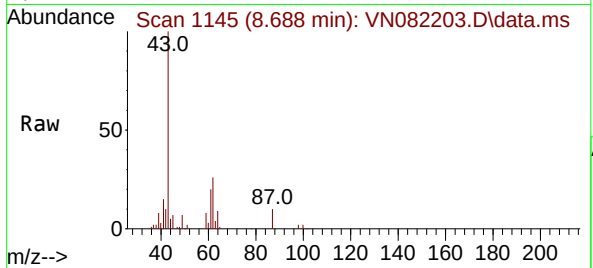
Tgt Ion: 62 Resp: 75361
Ion Ratio Lower Upper
62 100
98 7.7 0.0 19.6





#43
Isopropyl Acetate
Concen: 20.106 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

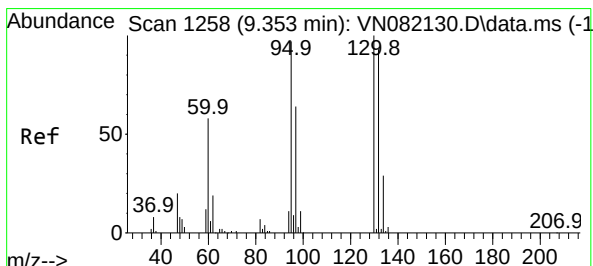
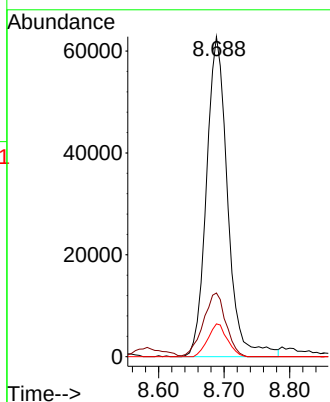
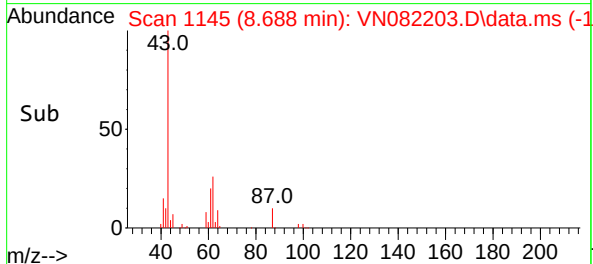
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



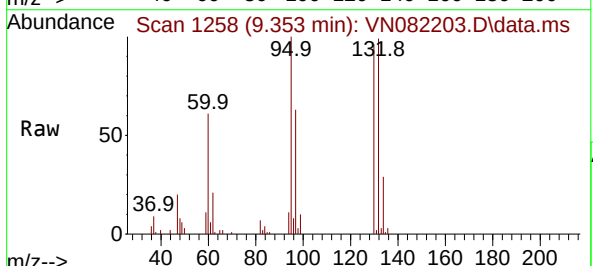
Tgt Ion: 43 Resp: 140658
Ion Ratio Lower Upper
43 100
61 21.3 22.8 34.2
87 9.4 12.0 18.0

Manual Integrations
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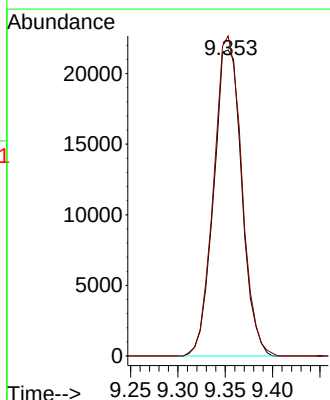
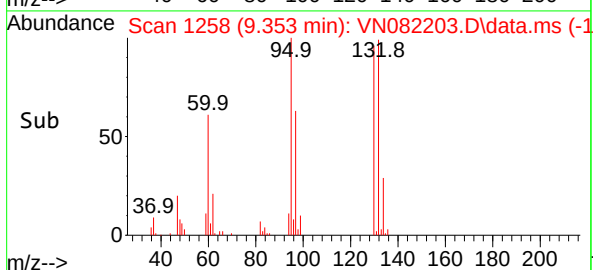
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

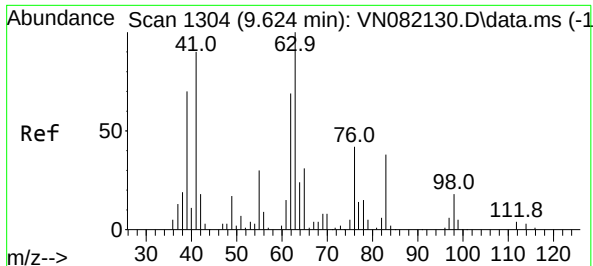


#44
Trichloroethene
Concen: 18.767 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24



Tgt Ion:130 Resp: 44849
Ion Ratio Lower Upper
130 100
95 104.6 0.0 195.4





#45

1,2-Dichloropropane

Concen: 18.935 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN082203.D

Acq: 20 May 2024 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBS01

Tgt Ion: 63 Resp: 51398

Ion Ratio Lower Upper

63 100

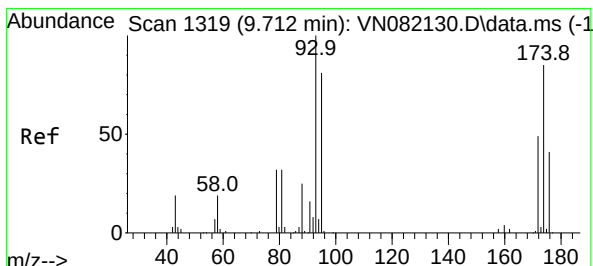
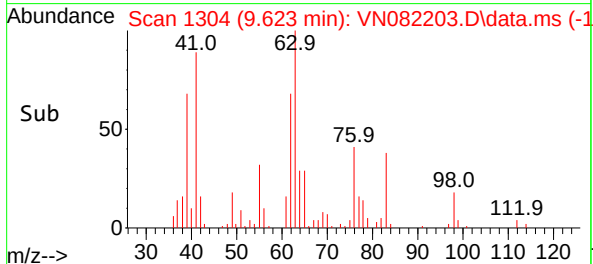
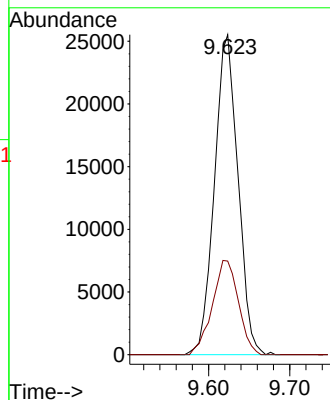
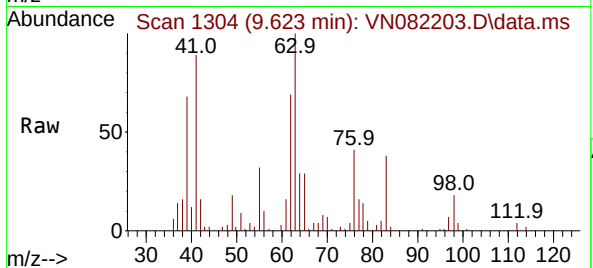
65 29.2 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#46

Dibromomethane

Concen: 19.014 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN082203.D

Acq: 20 May 2024 12:24

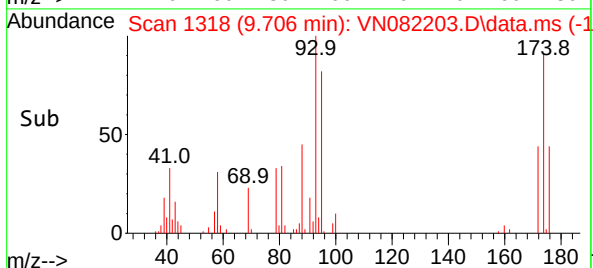
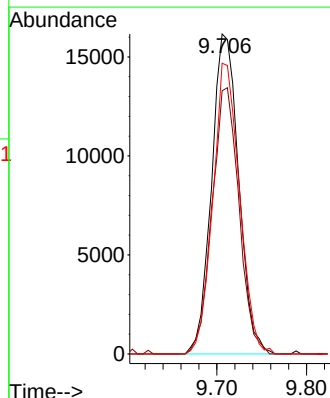
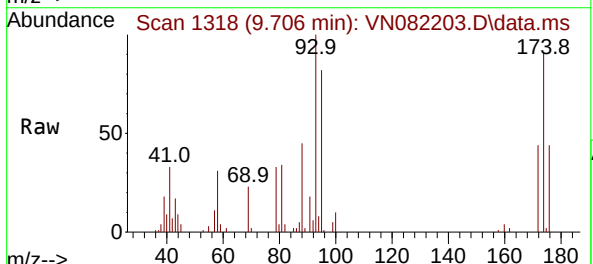
Tgt Ion: 93 Resp: 33885

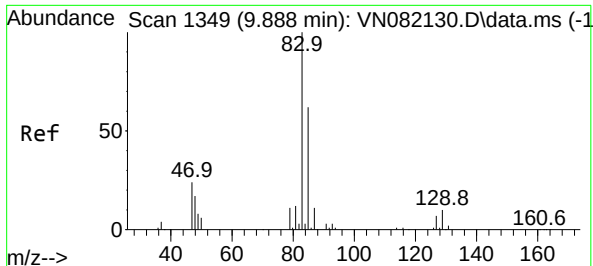
Ion Ratio Lower Upper

93 100

95 82.6 64.8 97.2

174 89.4 73.4 110.0





#47

Bromodichloromethane

Concen: 18.742 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VN082203.D

Acq: 20 May 2024 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBS01

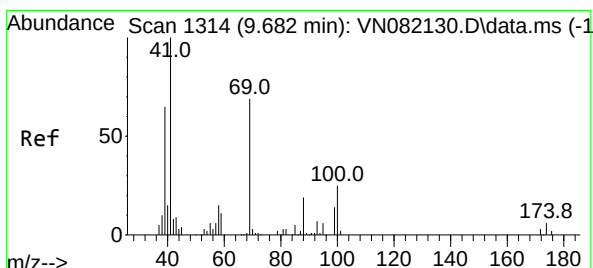
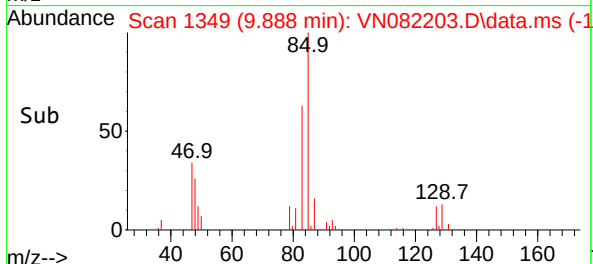
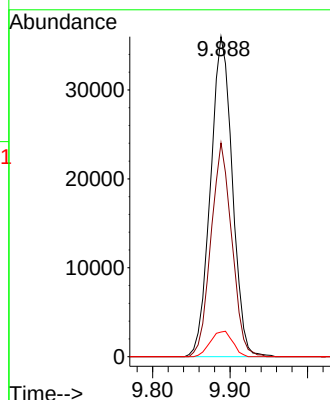
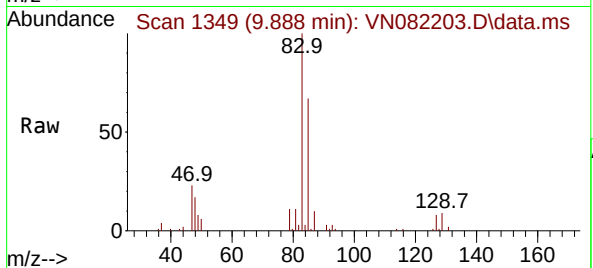
Tgt Ion:	83	Resp:	70510
Ion Ratio	Lower	Upper	
83	100		
85	66.8	51.9	77.9
127	7.7	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#48

Methyl methacrylate

Concen: 18.508 ug/l

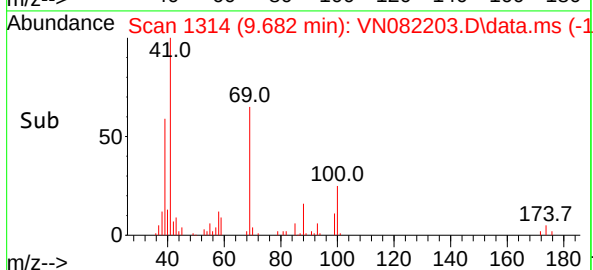
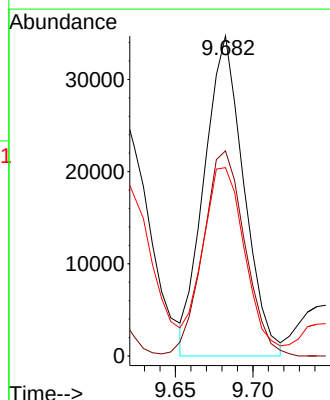
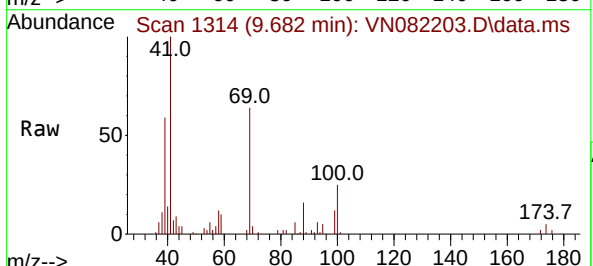
RT: 9.682 min Scan# 1314

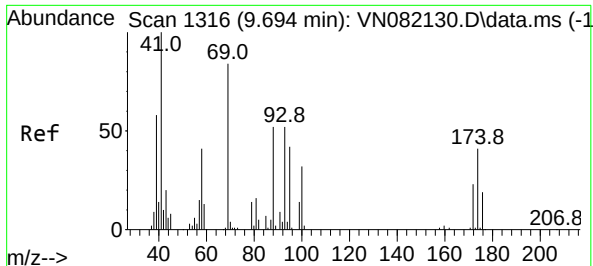
Delta R.T. -0.000 min

Lab File: VN082203.D

Acq: 20 May 2024 12:24

Tgt Ion:	41	Resp:	61698
Ion Ratio	Lower	Upper	
41	100		
69	67.9	77.9	116.9
39	63.6	50.9	76.3





#49

1,4-Dioxane

Concen: 406.059 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN082203.D

Acq: 20 May 2024 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBS01

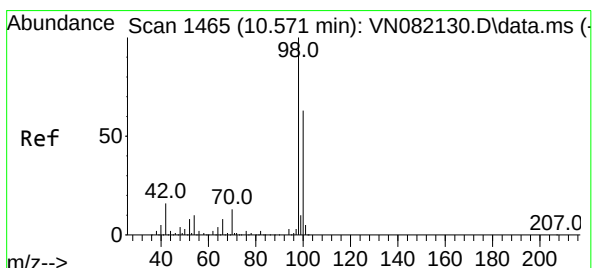
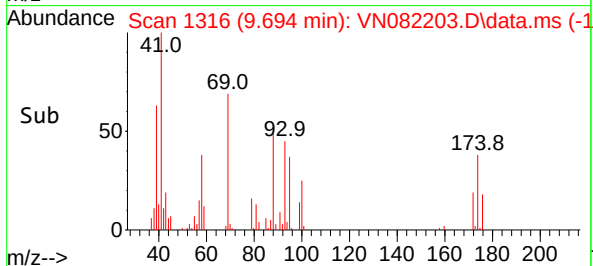
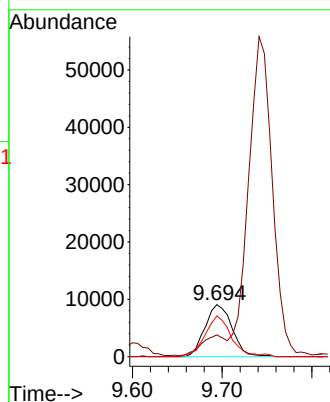
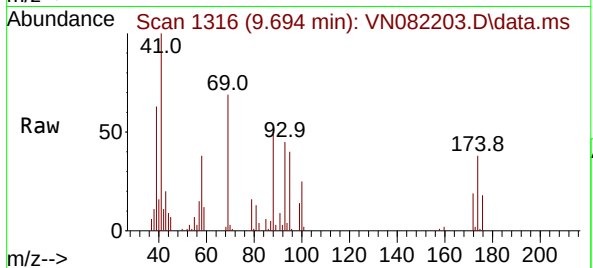
Tgt Ion:	88	Resp:	1896
Ion Ratio	Lower	Upper	
88	100		
43	36.1	19.0	28.6
58	76.6	50.6	76.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#50

Toluene-d8

Concen: 47.673 ug/l

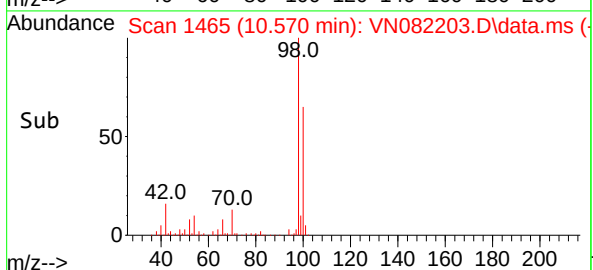
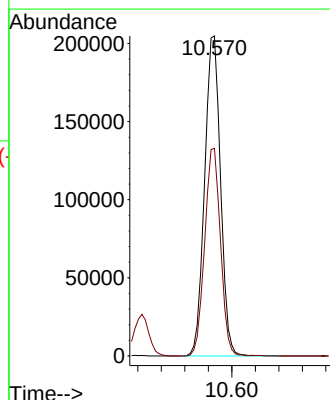
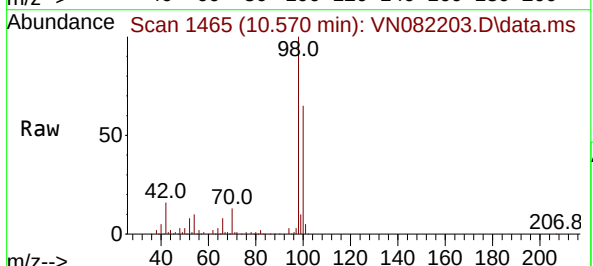
RT: 10.570 min Scan# 1465

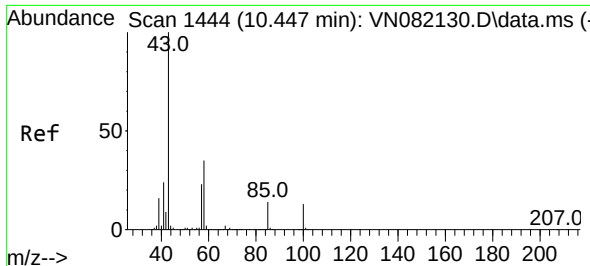
Delta R.T. -0.000 min

Lab File: VN082203.D

Acq: 20 May 2024 12:24

Tgt Ion:	98	Resp:	384468
Ion Ratio	Lower	Upper	
98	100		
100	64.4	51.8	77.6





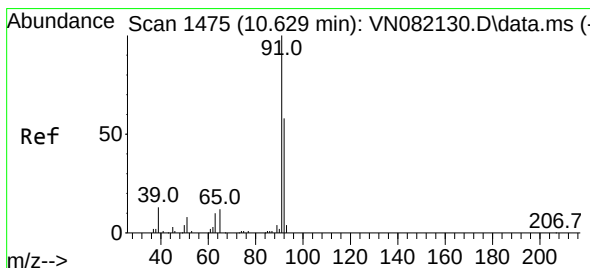
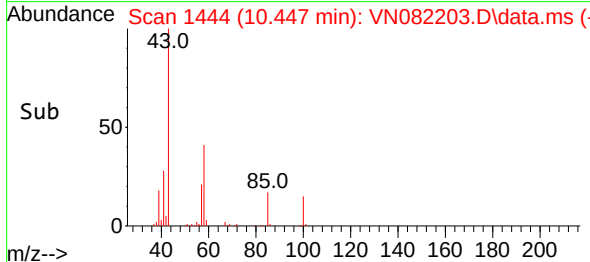
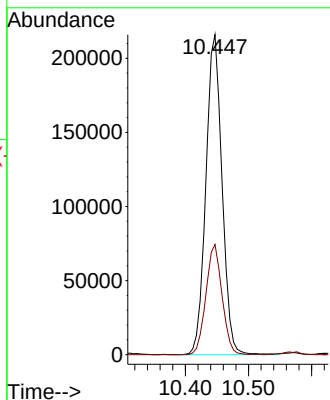
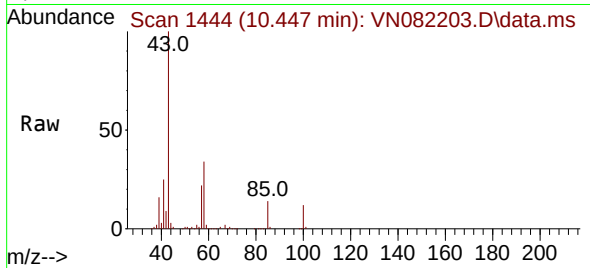
#51
4-Methyl-2-Pentanone
Concen: 96.632 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01

Tgt Ion: 43 Resp: 38410
Ion Ratio Lower Upper
43 100
58 34.4 33.2 49.8

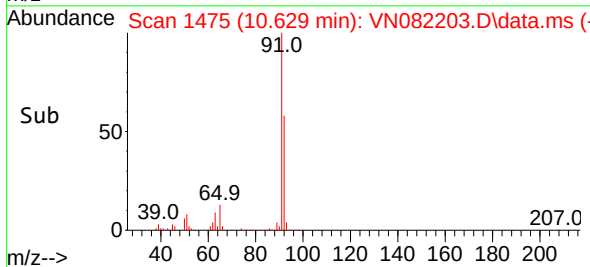
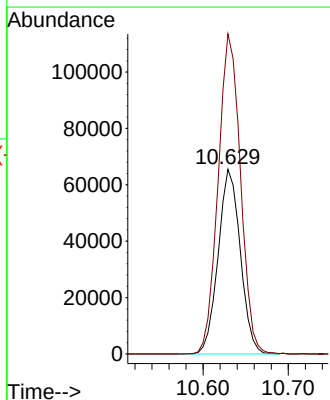
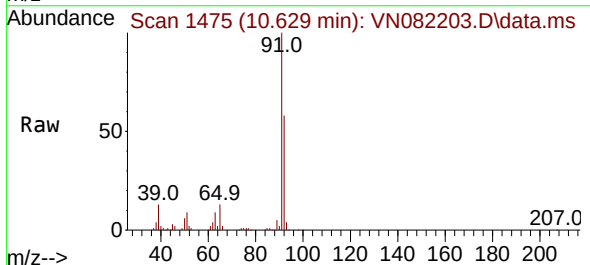
Manual Integrations
APPROVED

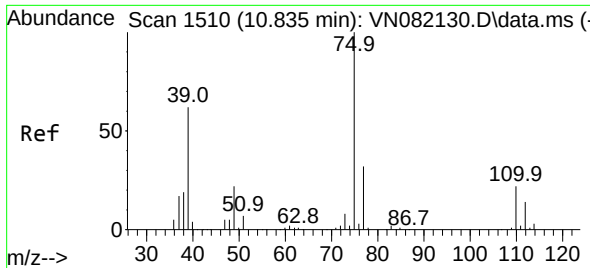
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#52
Toluene
Concen: 18.757 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

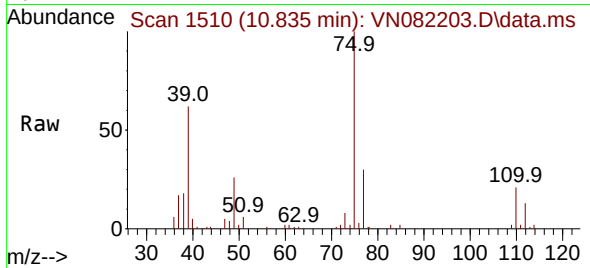
Tgt Ion: 92 Resp: 118422
Ion Ratio Lower Upper
92 100
91 175.0 136.7 205.1





#53
 t-1,3-Dichloropropene
 Concen: 19.268 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN082203.D
 Acq: 20 May 2024 12:24

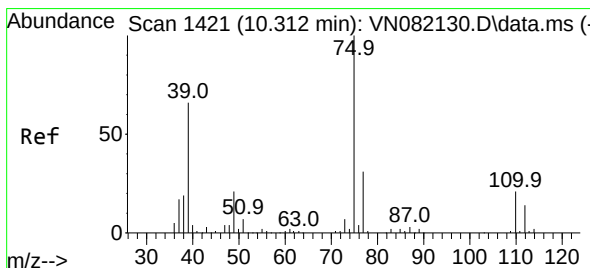
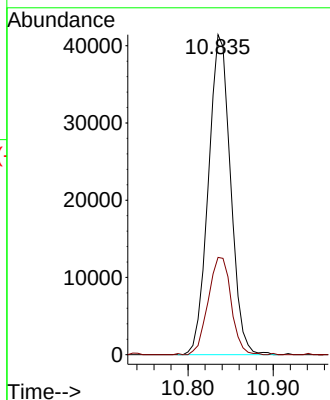
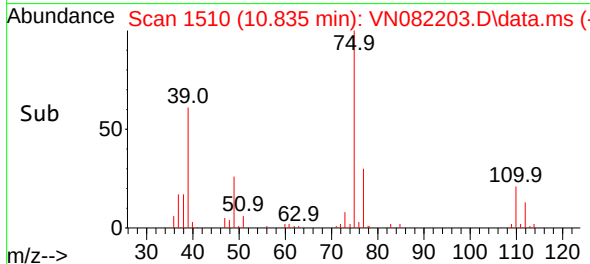
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0520WBS01



Tgt Ion: 75 Resp: 74969
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.4 38.0

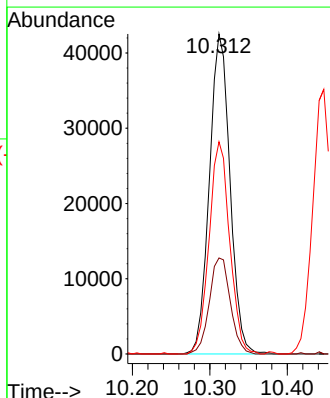
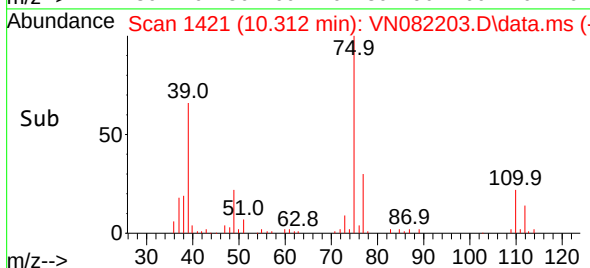
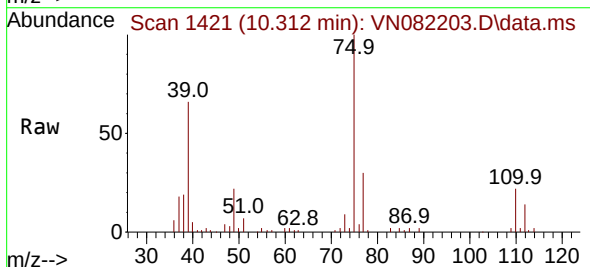
Manual Integrations
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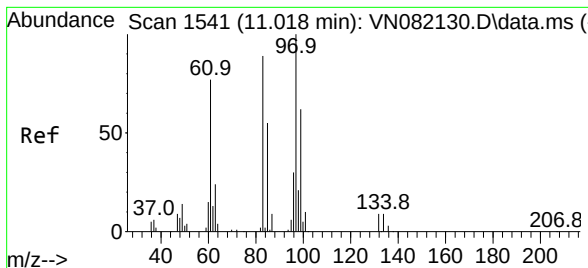
Reviewed By :John Carlone 05/21/2024
 Supervised By :Mahesh Dadoda 05/21/2024



#54
 cis-1,3-Dichloropropene
 Concen: 19.090 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN082203.D
 Acq: 20 May 2024 12:24

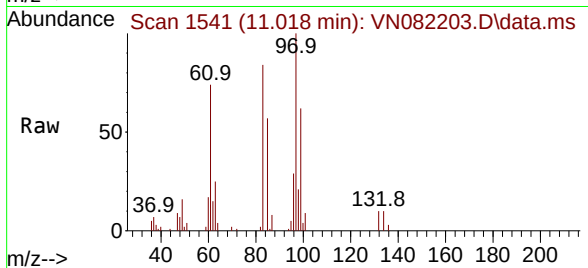
Tgt Ion: 75 Resp: 78625
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.0 37.4
 39 66.3 34.8 52.2#





#55
1,1,2-Trichloroethane
Concen: 18.924 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

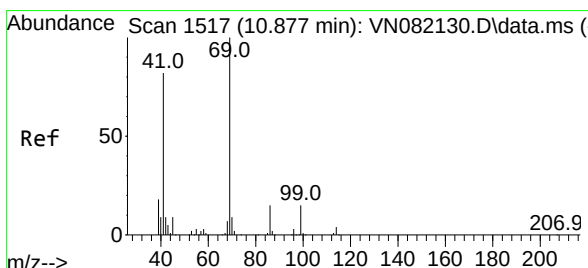
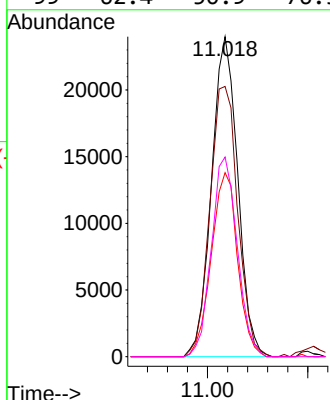
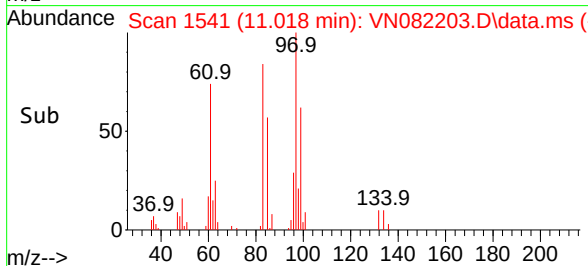
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



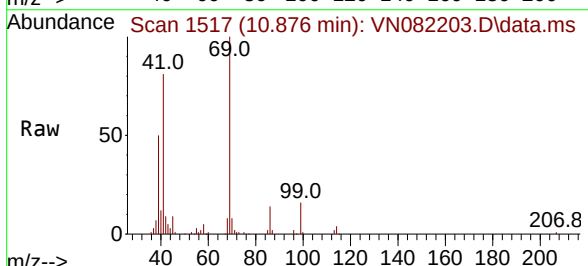
Tgt Ion:	97	Resp:	43418
Ion	Ratio	Lower	Upper
97	100		
83	84.5	70.4	105.6
85	57.5	45.6	68.4
99	62.4	50.9	76.3

Manual Integrations
APPROVED

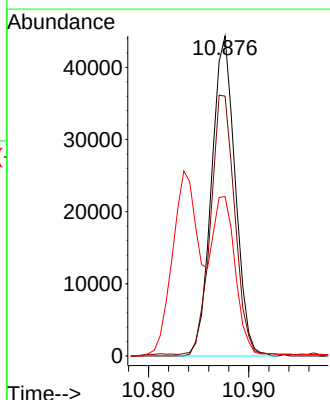
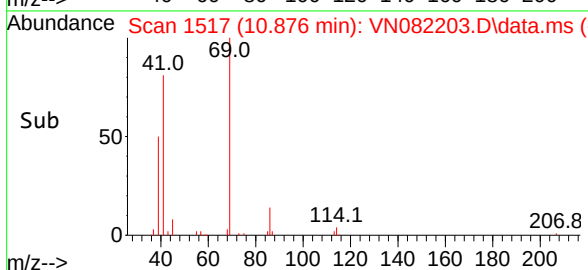
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

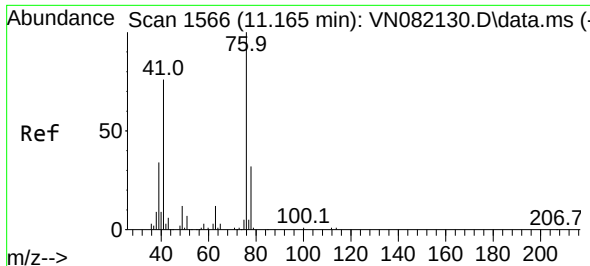


#56
Ethyl methacrylate
Concen: 18.659 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24



Tgt Ion:	69	Resp:	72680
Ion	Ratio	Lower	Upper
69	100		
41	82.2	46.6	70.0#
39	46.5	26.5	39.7#





#57

1,3-Dichloropropane

Concen: 18.489 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN082203.D

Acq: 20 May 2024 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBS01

Tgt Ion: 76 Resp: 7931

Ion Ratio Lower Upper

76 100

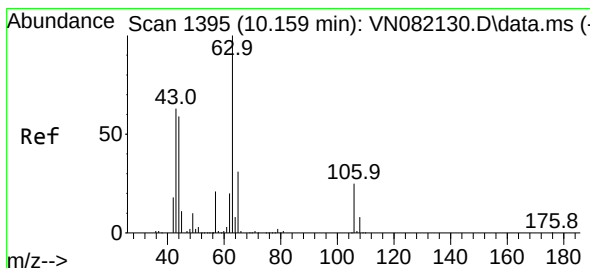
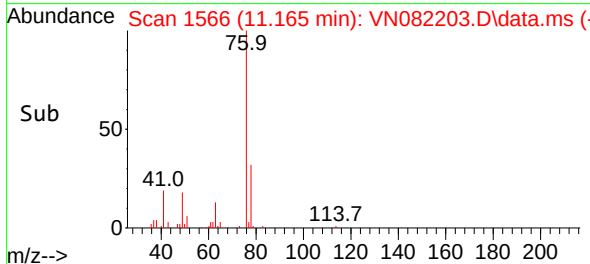
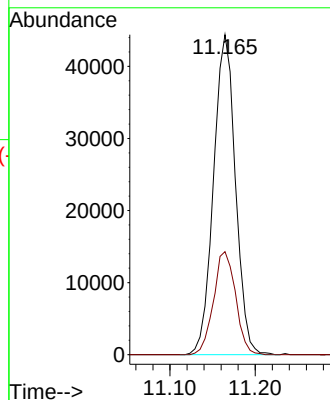
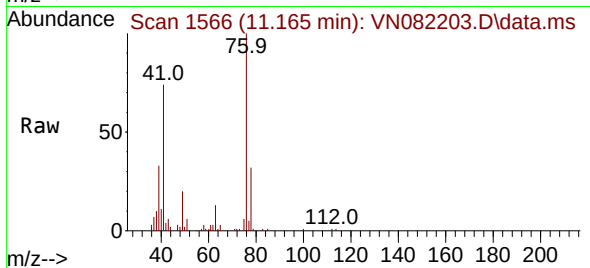
78 32.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#58

2-Chloroethyl Vinyl ether

Concen: 81.565 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN082203.D

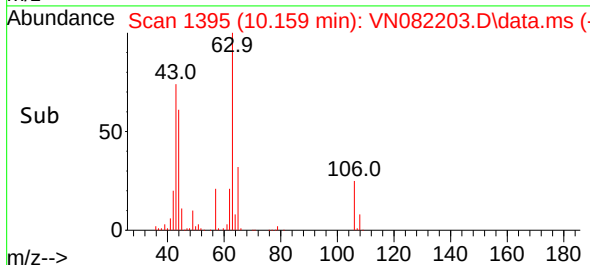
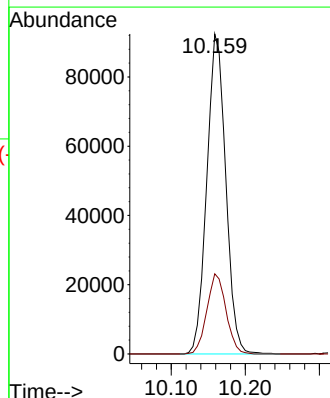
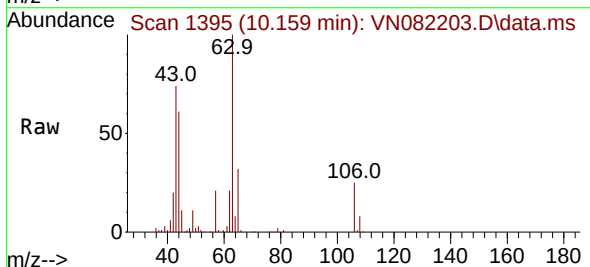
Acq: 20 May 2024 12:24

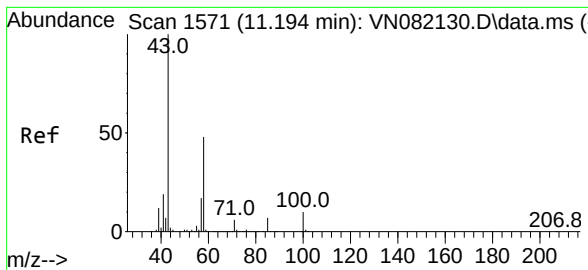
Tgt Ion: 63 Resp: 163879

Ion Ratio Lower Upper

63 100

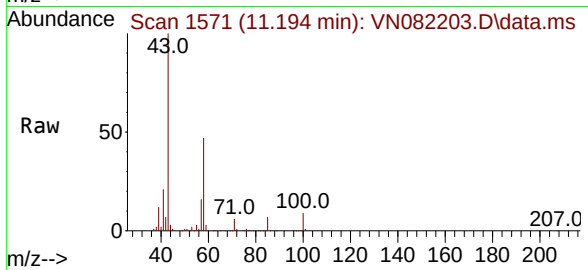
106 25.3 24.6 36.8





#59
2-Hexanone
Concen: 97.023 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

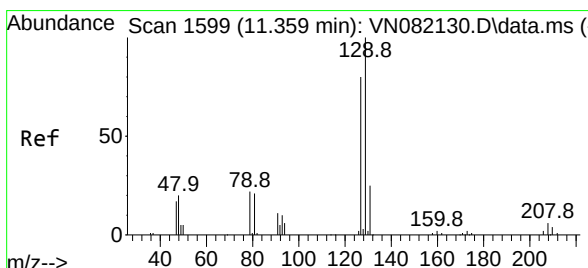
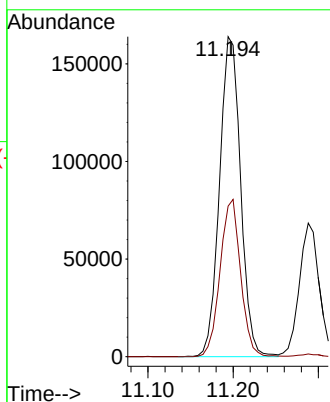
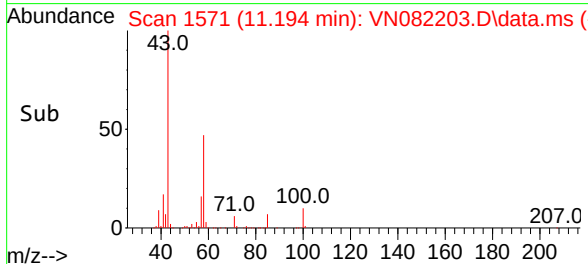
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



Tgt Ion: 43 Resp: 28237
Ion Ratio Lower Upper
43 100
58 47.9 28.3 84.9

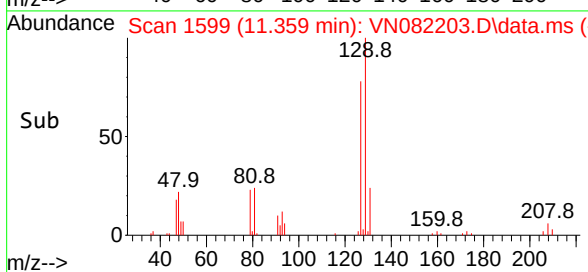
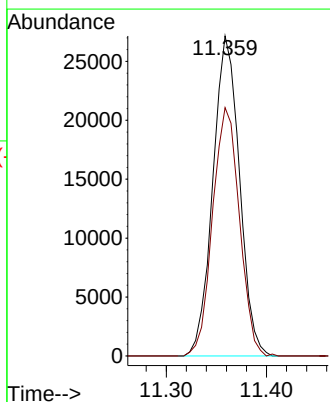
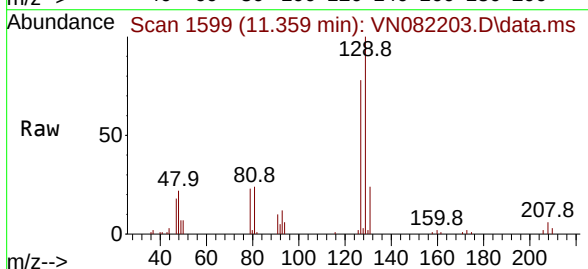
Manual Integrations
APPROVED

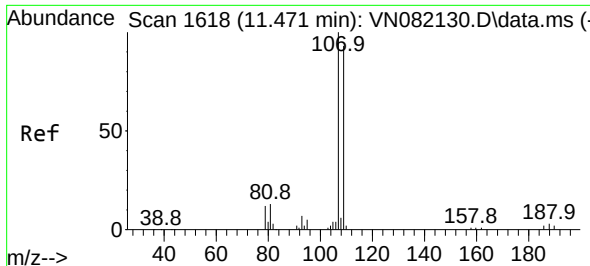
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#60
Dibromochloromethane
Concen: 19.722 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

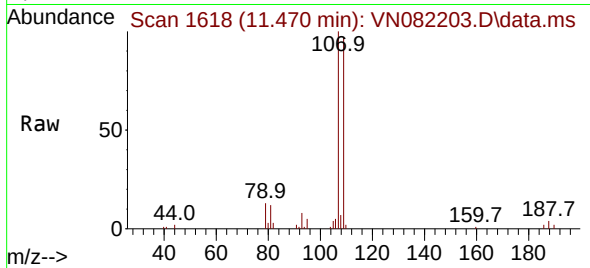
Tgt Ion:129 Resp: 49935
Ion Ratio Lower Upper
129 100
127 78.2 38.3 114.8





#61
1,2-Dibromoethane
Concen: 18.422 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

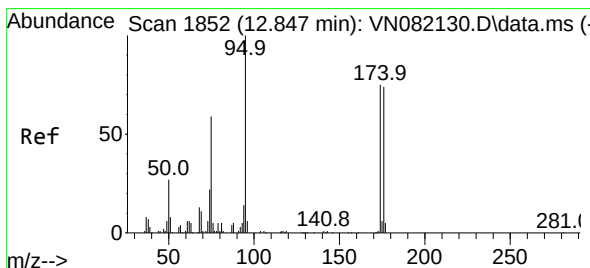
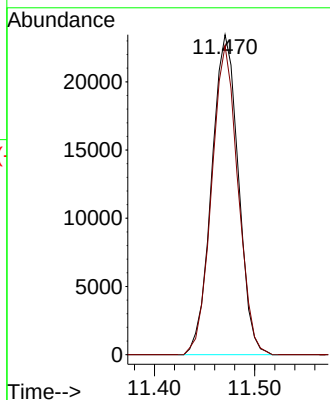
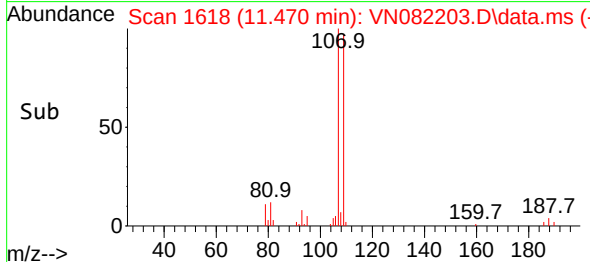
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



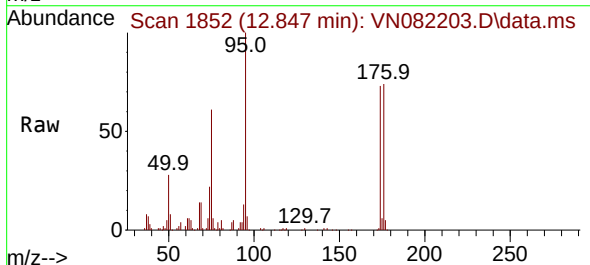
Tgt Ion:107 Resp: 43412
Ion Ratio Lower Upper
107 100
109 95.1 75.8 113.6

Manual Integrations
APPROVED

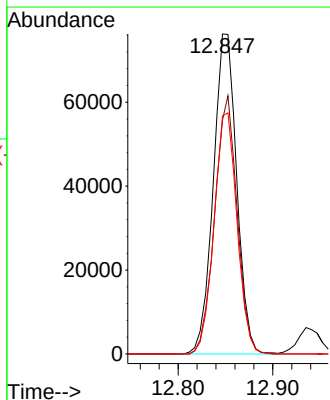
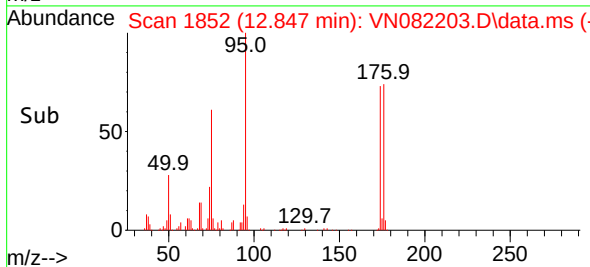
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

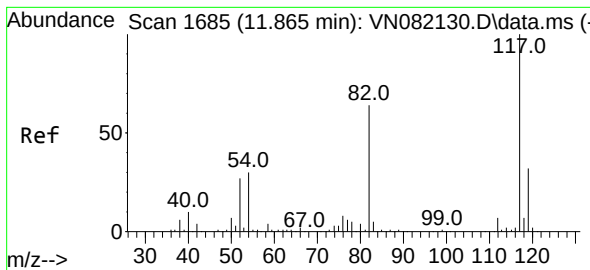


#62
4-Bromofluorobenzene
Concen: 45.524 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24



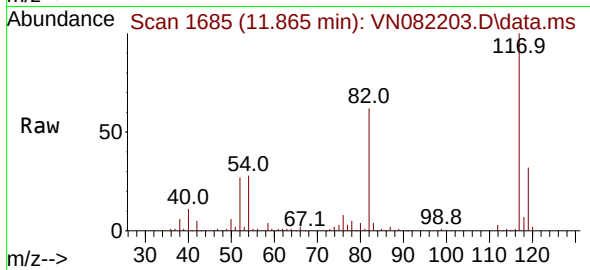
Tgt Ion: 95 Resp: 131040
Ion Ratio Lower Upper
95 100
174 77.2 0.0 160.6
176 74.1 0.0 152.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

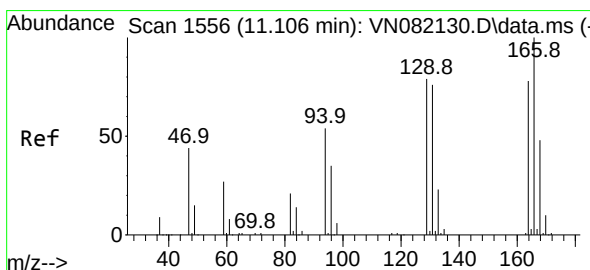
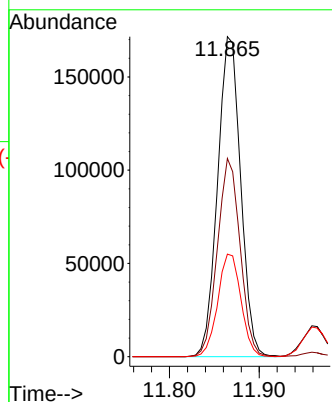
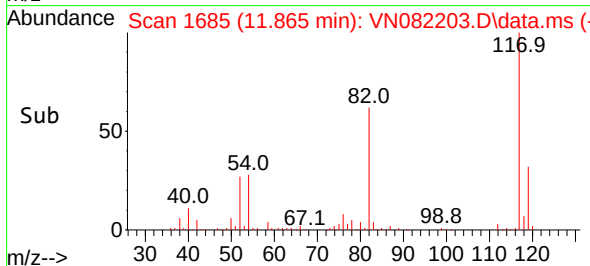
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



Tgt Ion:117 Resp: 306439
Ion Ratio Lower Upper
117 100
82 62.0 44.6 66.8
119 32.1 25.9 38.9

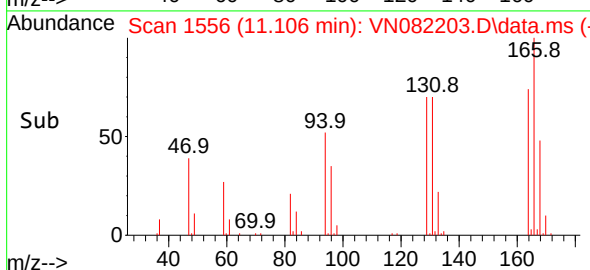
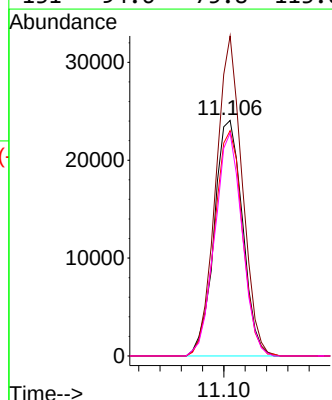
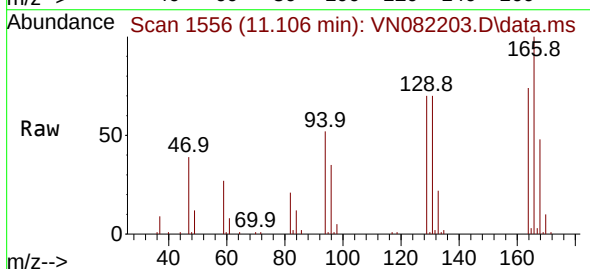
Manual Integrations
APPROVED

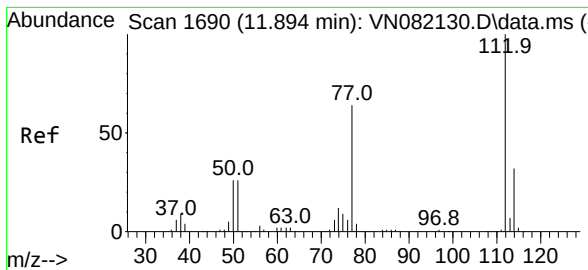
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#64
Tetrachloroethene
Concen: 19.557 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

Tgt Ion:164 Resp: 44420
Ion Ratio Lower Upper
164 100
166 135.8 97.6 146.4
129 95.6 73.7 110.5
131 94.6 75.8 113.6





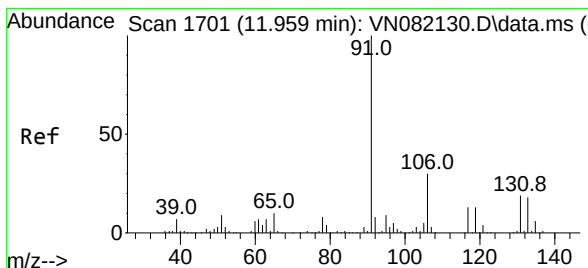
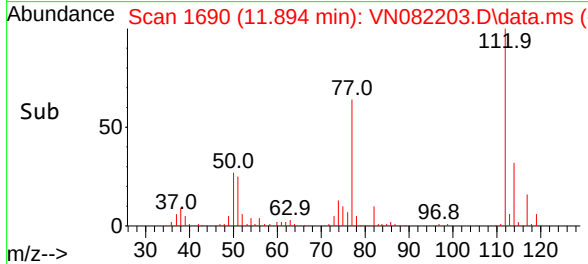
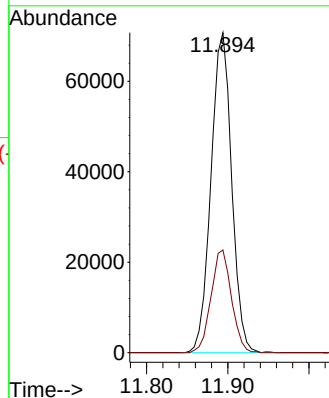
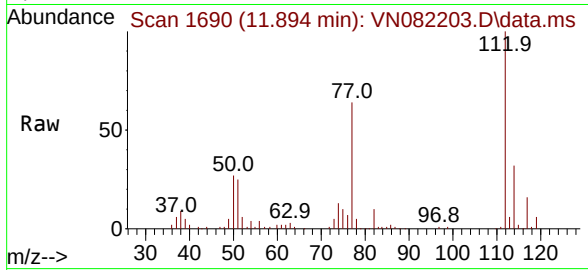
#65
Chlorobenzene
Concen: 18.479 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01

Tgt Ion:112 Resp: 125100
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

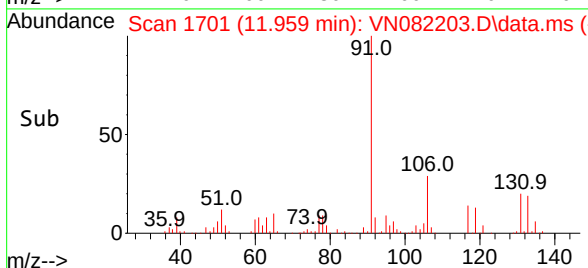
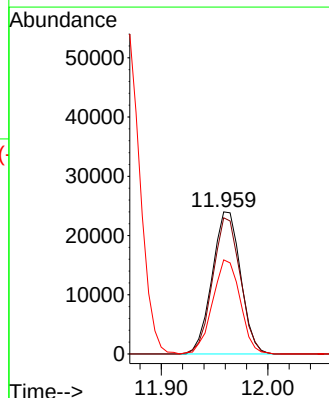
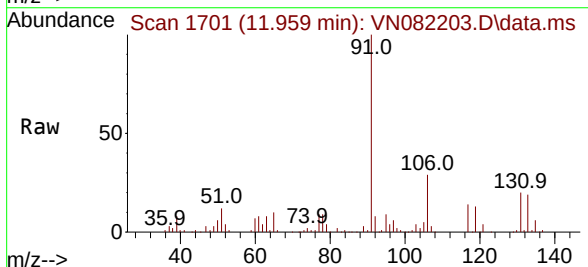
Manual Integrations
APPROVED

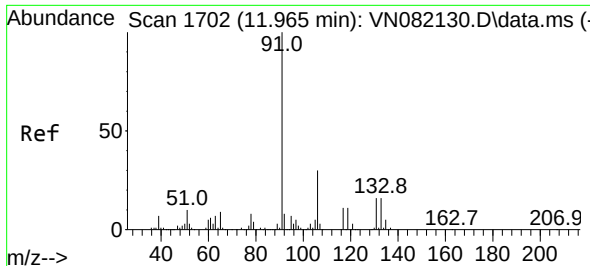
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.969 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

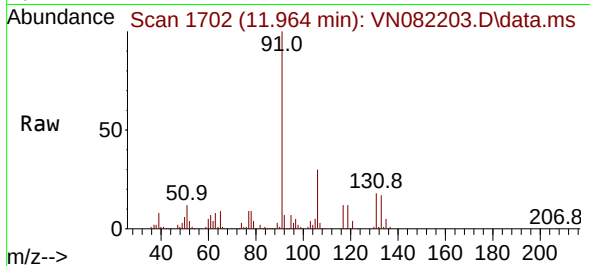
Tgt Ion:131 Resp: 44528
Ion Ratio Lower Upper
131 100
133 93.4 47.5 142.6
119 64.4 32.9 98.7





#67
Ethyl Benzene
Concen: 18.468 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

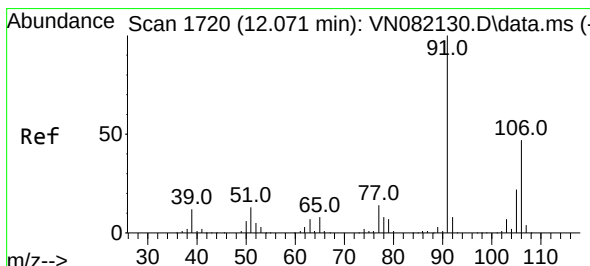
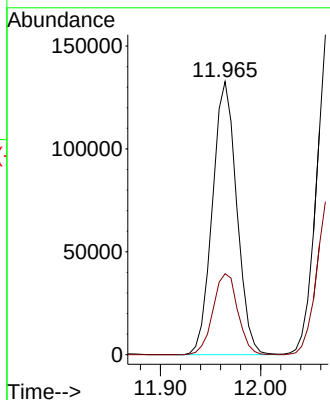
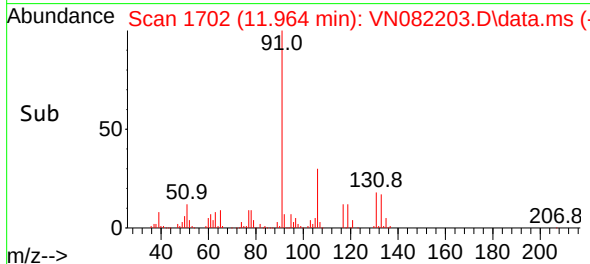
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



Tgt Ion: 91 Resp: 223650
Ion Ratio Lower Upper
91 100
106 29.6 25.3 37.9

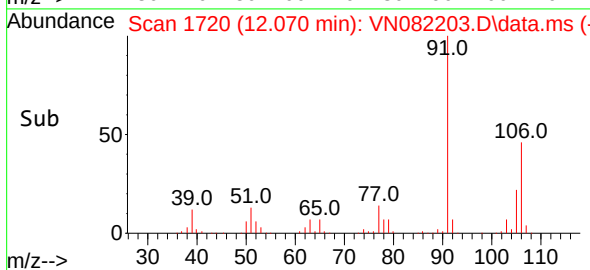
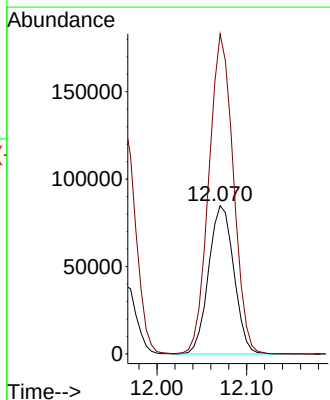
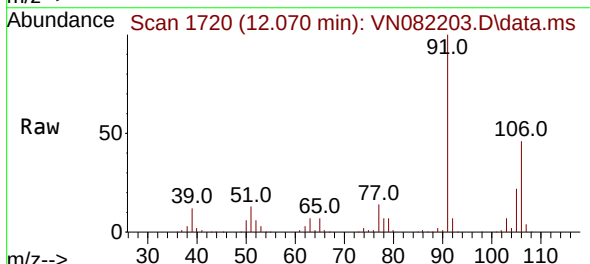
Manual Integrations
APPROVED

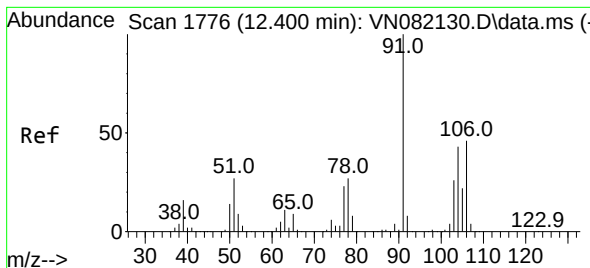
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#68
m/p-Xylenes
Concen: 37.332 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

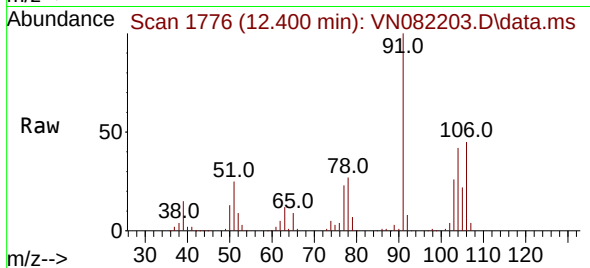
Tgt Ion:106 Resp: 165694
Ion Ratio Lower Upper
106 100
91 210.0 159.4 239.0





#69
o-Xylene
Concen: 18.485 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

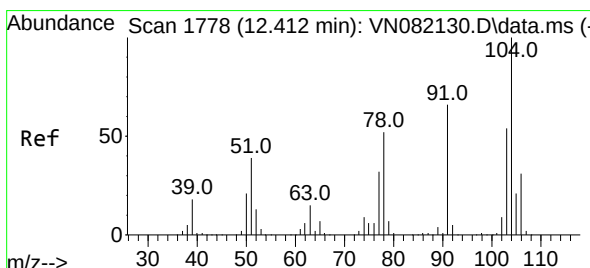
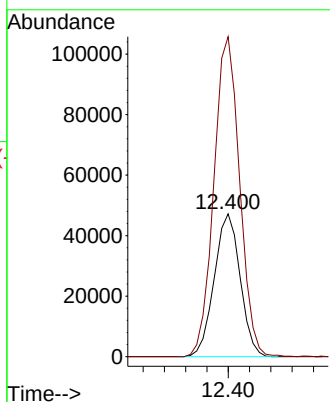
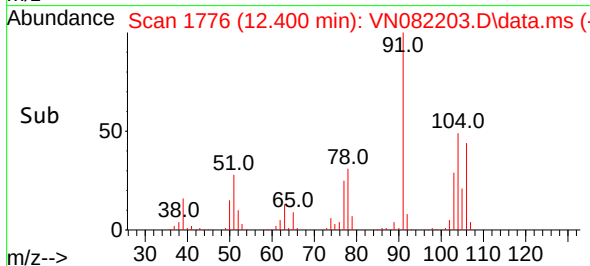
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



Tgt Ion:106 Resp: 79475
Ion Ratio Lower Upper
106 100
91 223.2 104.7 314.1

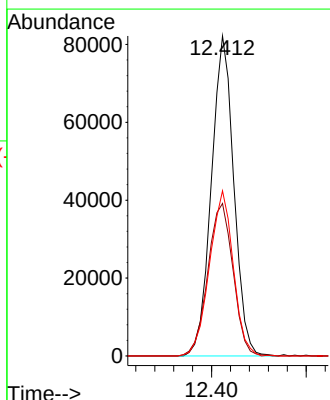
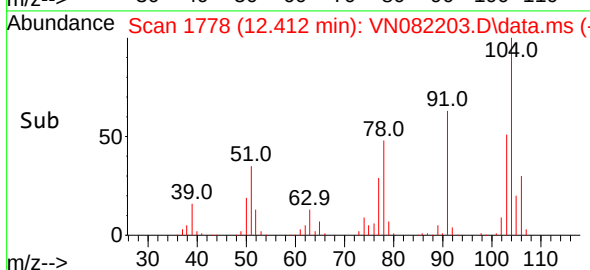
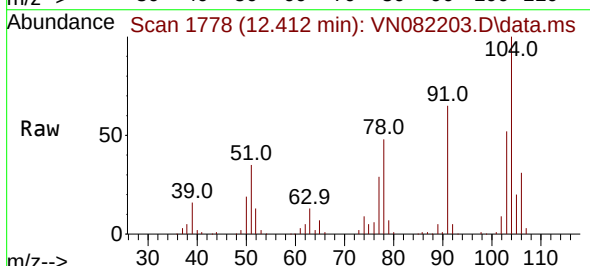
Manual Integrations
APPROVED

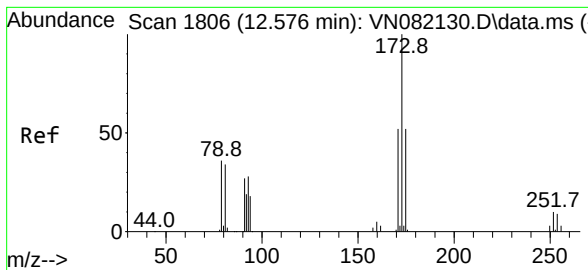
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#70
Styrene
Concen: 18.958 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

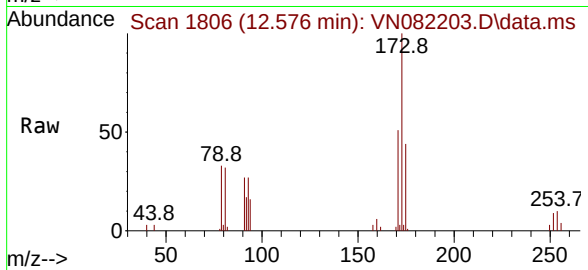
Tgt Ion:104 Resp: 135381
Ion Ratio Lower Upper
104 100
78 53.5 38.6 58.0
103 54.7 43.8 65.6





#71
Bromoform
Concen: 18.749 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

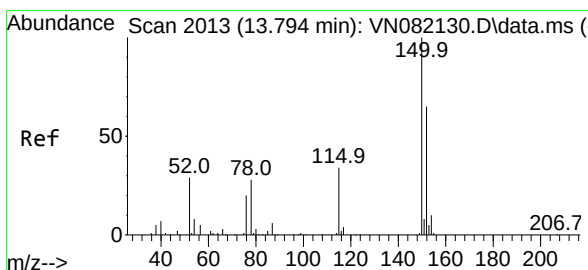
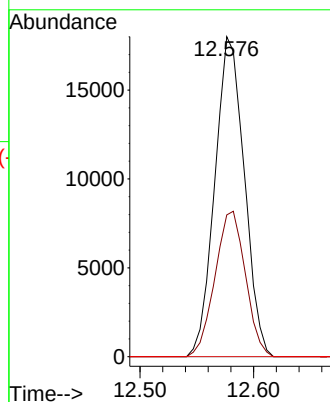
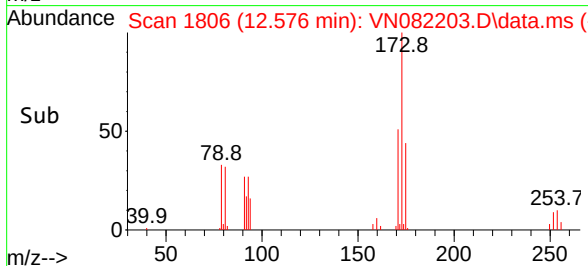
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



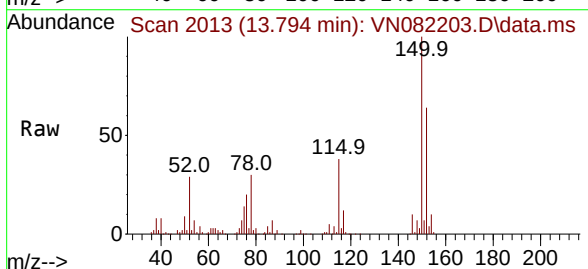
Tgt Ion:173 Resp: 3246
Ion Ratio Lower Upper
173 100
175 46.9 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

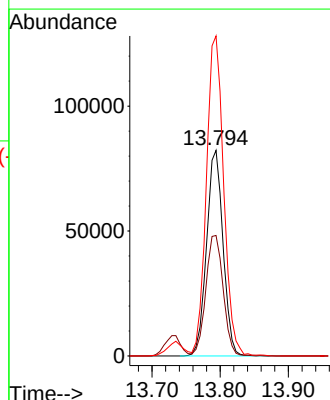
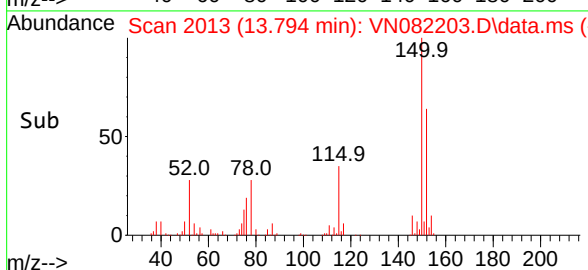
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

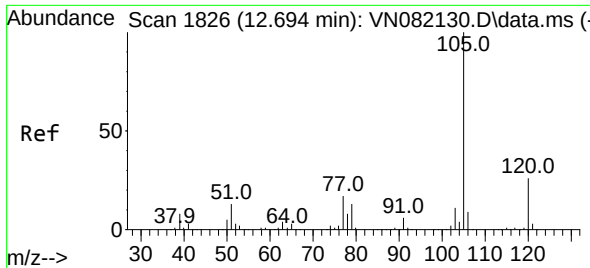


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24



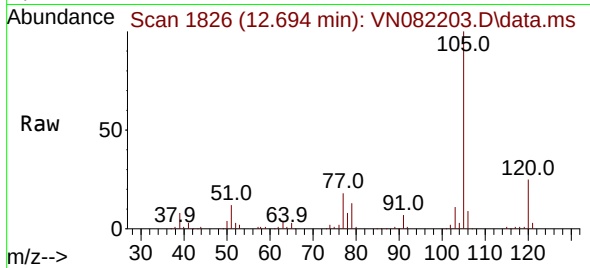
Tgt Ion:152 Resp: 138766
Ion Ratio Lower Upper
152 100
115 61.5 30.4 91.3
150 162.9 0.0 353.2





#73
Isopropylbenzene
Concen: 18.530 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

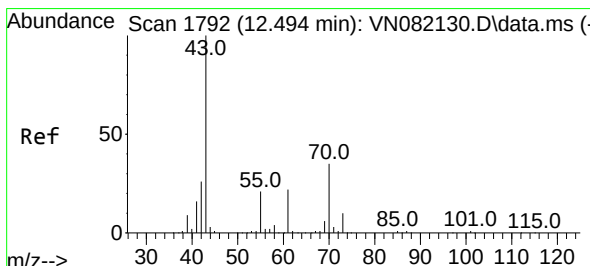
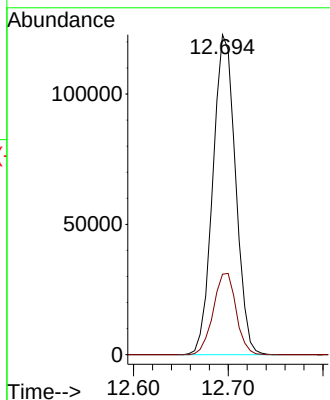
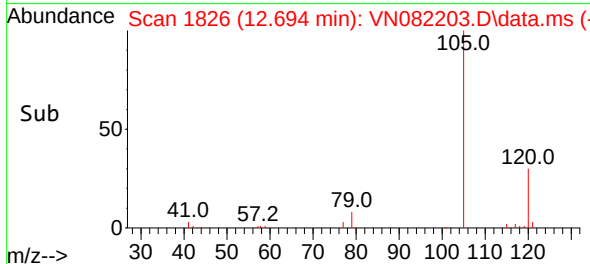
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



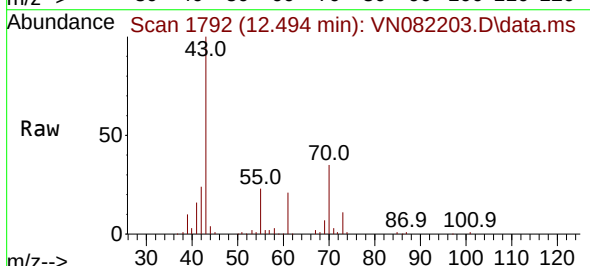
Tgt Ion:105 Resp: 20427
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1

Manual Integrations
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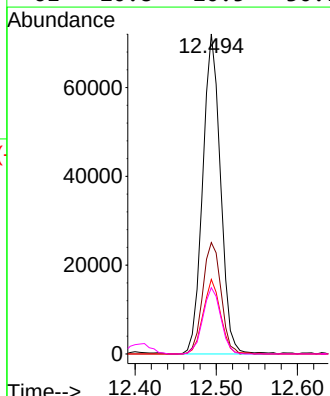
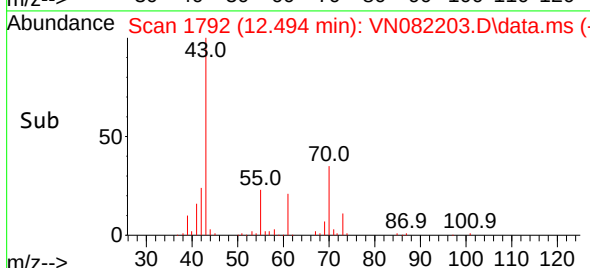
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

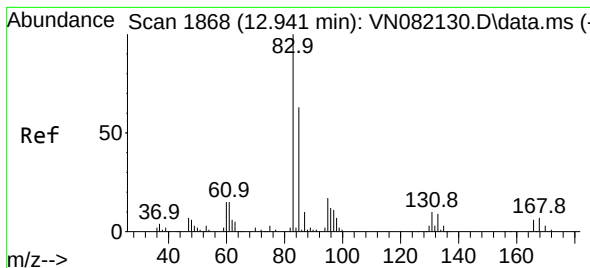


#74
N-ethyl acetate
Concen: 18.106 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24



Tgt Ion: 43 Resp: 109792
Ion Ratio Lower Upper
43 100
70 35.8 39.0 58.4#
55 22.8 21.3 31.9
61 20.8 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 18.501 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN082203.D

Acq: 20 May 2024 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBS01

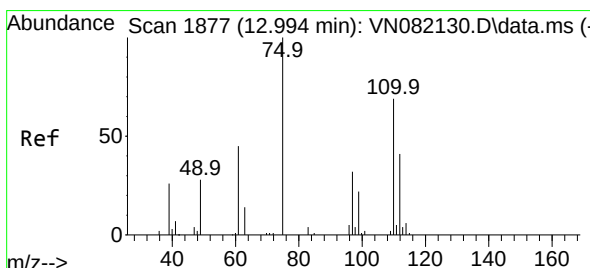
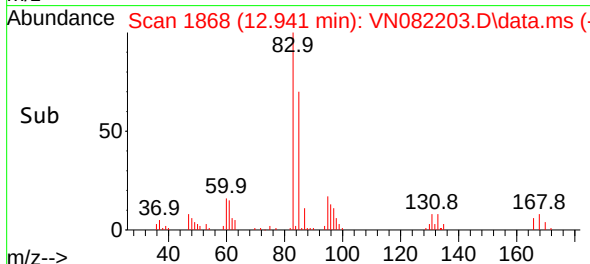
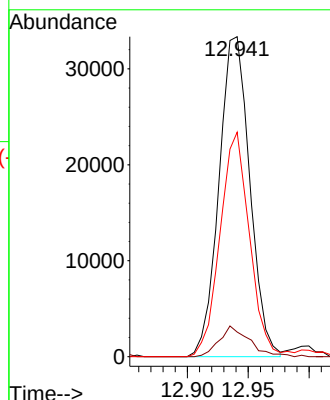
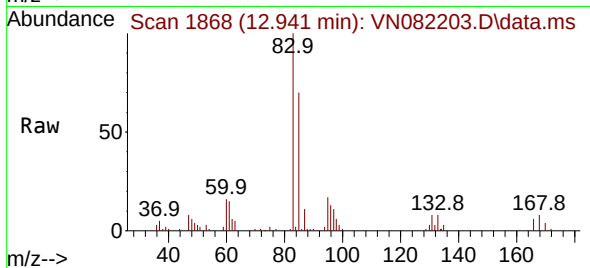
Tgt Ion:	83	Resp:	5879
Ion Ratio	Lower	Upper	
83	100		
131	9.4	5.5	16.4
85	67.3	32.9	98.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#76

1,2,3-Trichloropropane

Concen: 19.245 ug/l m

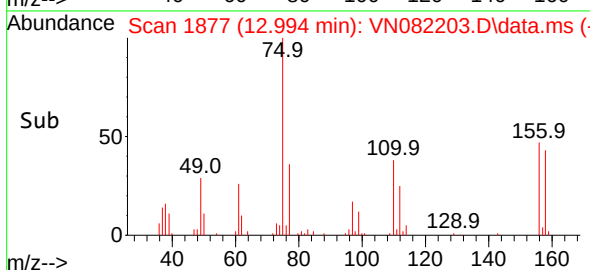
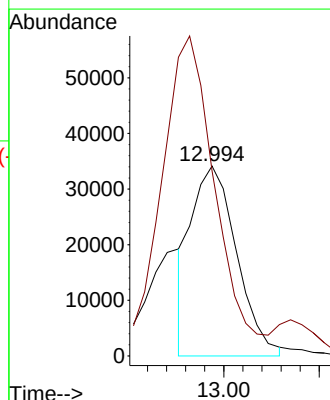
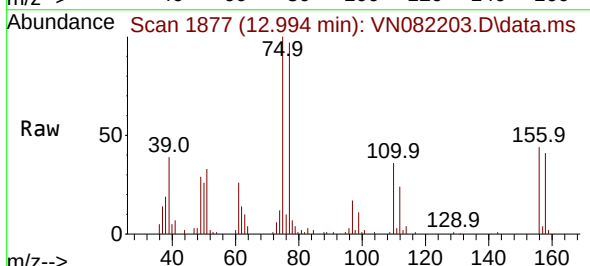
RT: 12.994 min Scan# 1877

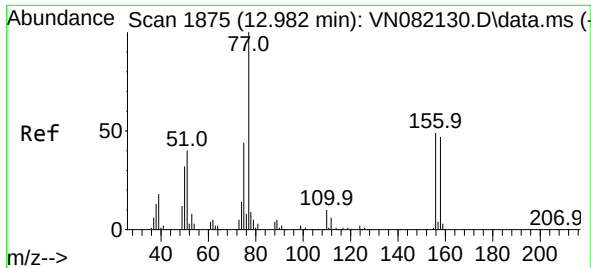
Delta R.T. -0.000 min

Lab File: VN082203.D

Acq: 20 May 2024 12:24

Tgt Ion:	75	Resp:	56209
Ion Ratio	Lower	Upper	
75	100		
77	201.4	90.5	271.3





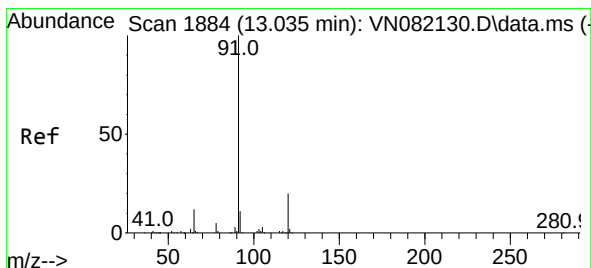
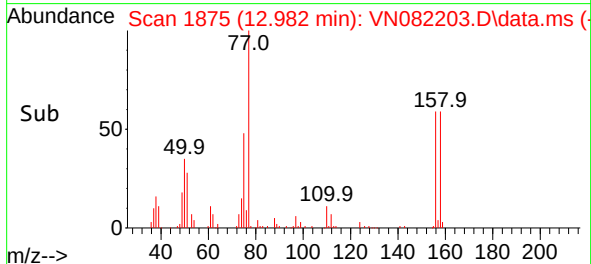
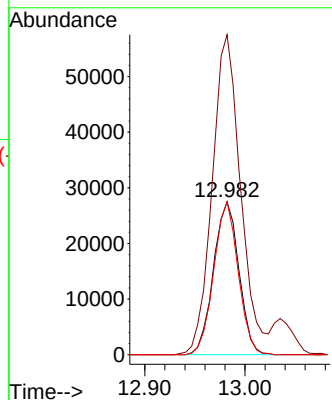
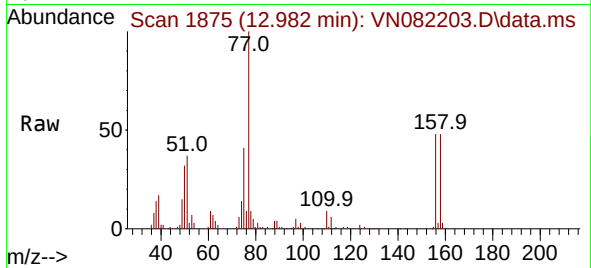
#77
Bromobenzene
Concen: 18.421 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01

Tgt Ion:156 Resp: 48395
Ion Ratio Lower Upper
156 100
77 233.9 100.2 300.6
158 95.8 49.1 147.3

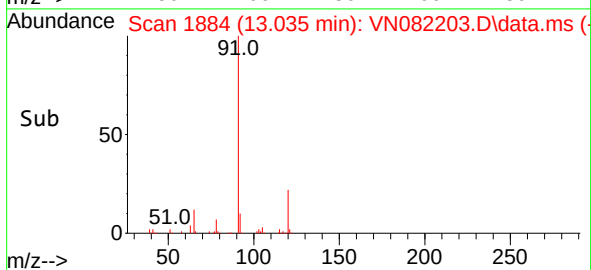
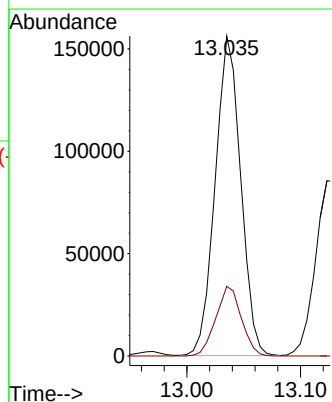
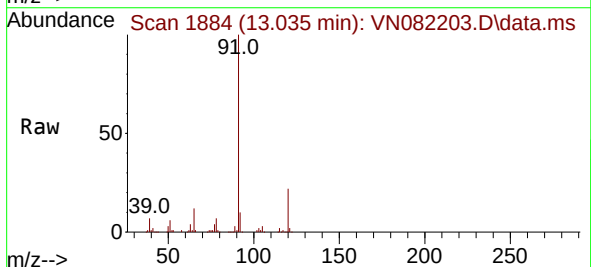
Manual Integrations
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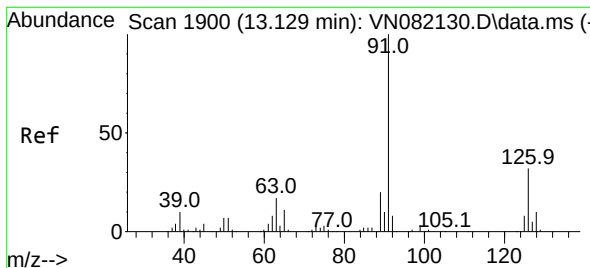
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#78
n-propylbenzene
Concen: 18.643 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

Tgt Ion: 91 Resp: 243375
Ion Ratio Lower Upper
91 100
120 21.8 11.7 35.0





#79

2-Chlorotoluene

Concen: 18.472 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.006 min

Lab File: VN082203.D

Acq: 20 May 2024 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBS01

Tgt Ion: 91 Resp: 15142

Ion Ratio Lower Upper

91 100

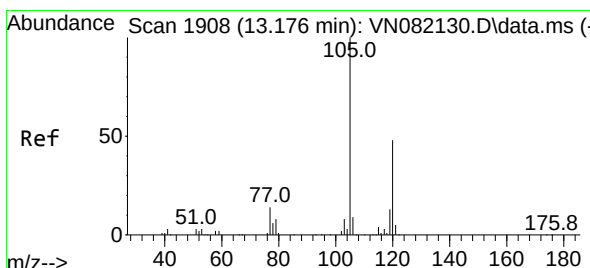
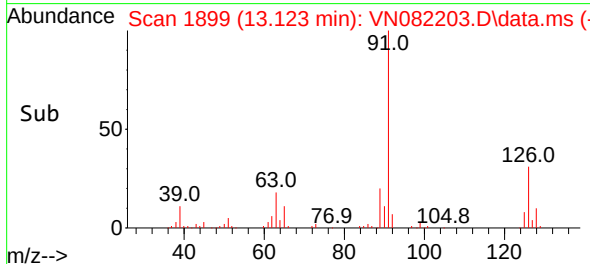
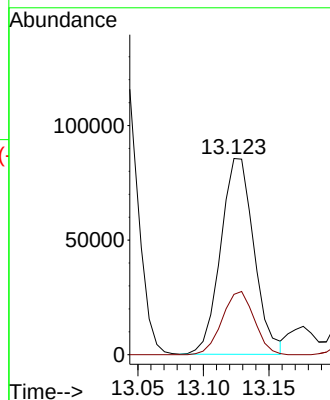
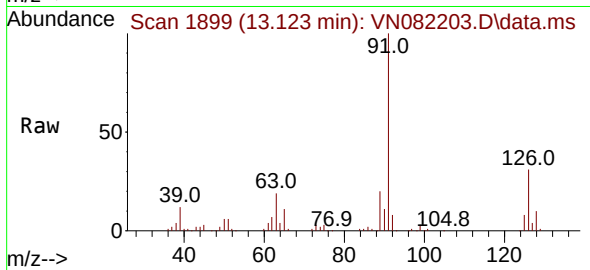
126 31.0 17.5 52.5

Manual Integrations

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Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#80

1,3,5-Trimethylbenzene

Concen: 19.312 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN082203.D

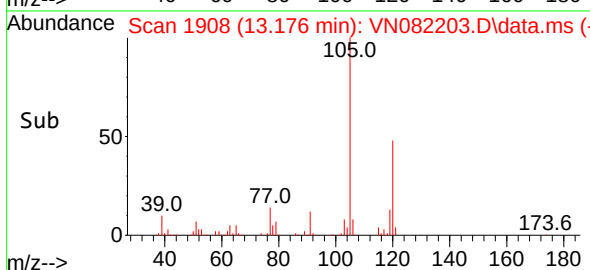
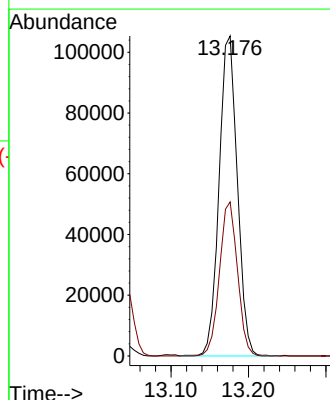
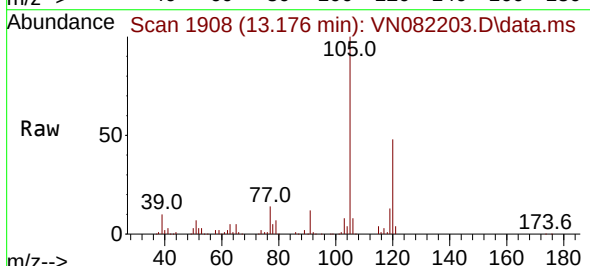
Acq: 20 May 2024 12:24

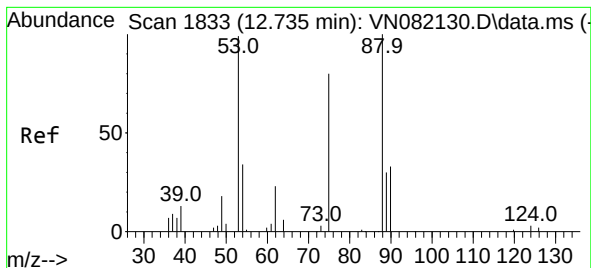
Tgt Ion:105 Resp: 172149

Ion Ratio Lower Upper

105 100

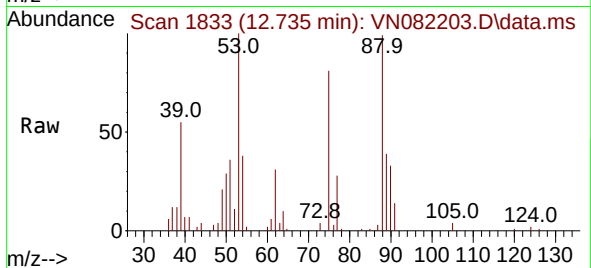
120 47.5 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.820 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

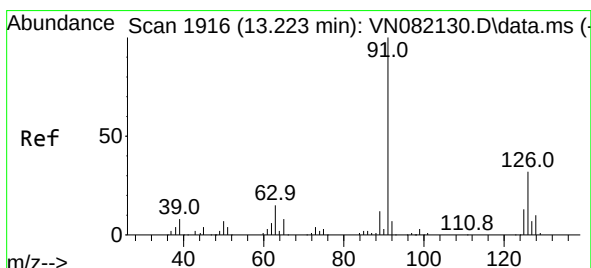
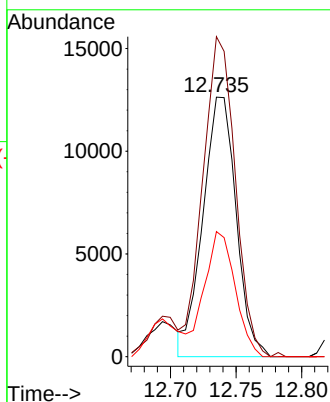
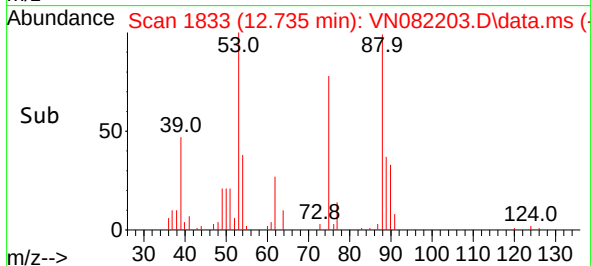
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



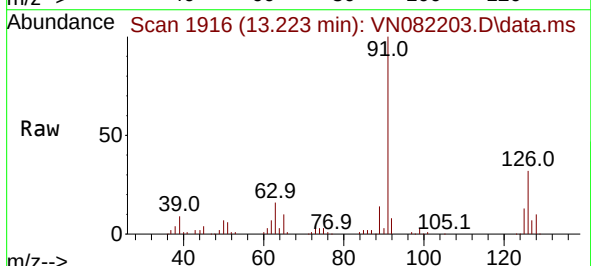
Tgt Ion: 75 Resp: 2225
Ion Ratio Lower Upper
75 100
53 121.1 72.9 109.3
89 44.7 39.1 58.7

Manual Integrations
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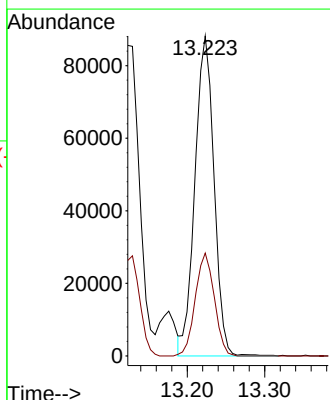
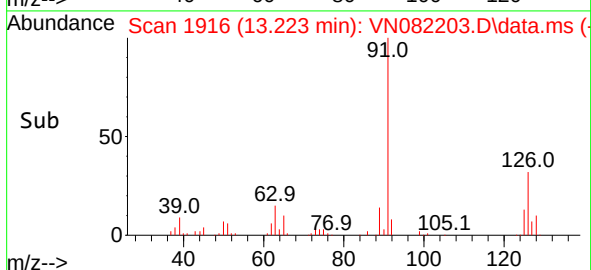
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

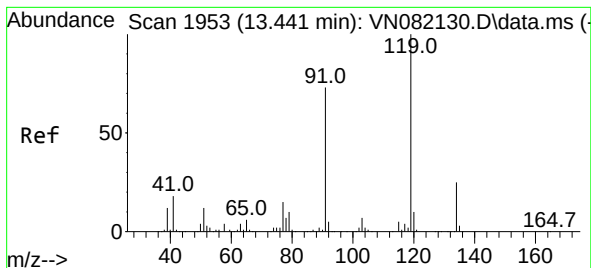


#82
4-Chlorotoluene
Concen: 18.802 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24



Tgt Ion: 91 Resp: 150697
Ion Ratio Lower Upper
91 100
126 32.1 17.4 52.3





#83

tert-Butylbenzene

Concen: 18.414 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN082203.D

Acq: 20 May 2024 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBS01

Tgt Ion:119 Resp: 143600

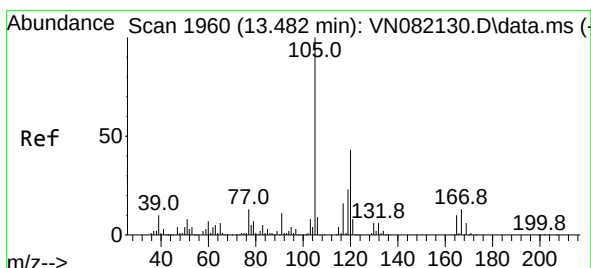
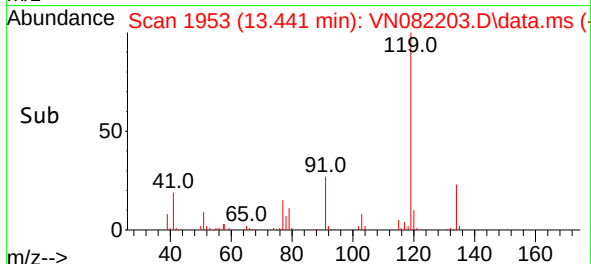
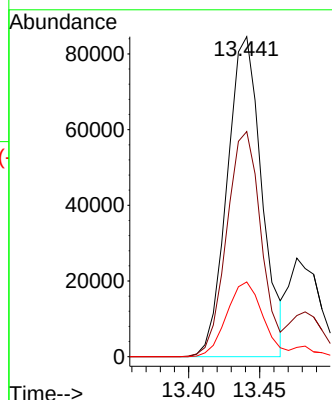
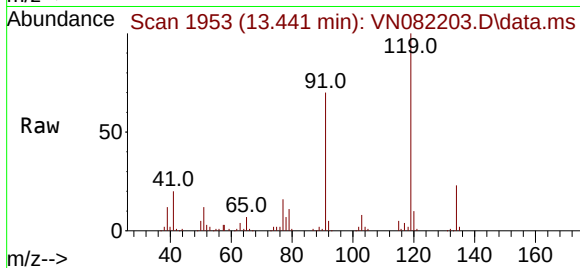
Ion	Ratio	Lower	Upper
119	100		
91	69.8	32.6	97.8
134	24.4	12.4	37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#84

1,2,4-Trimethylbenzene

Concen: 18.976 ug/l

RT: 13.482 min Scan# 1960

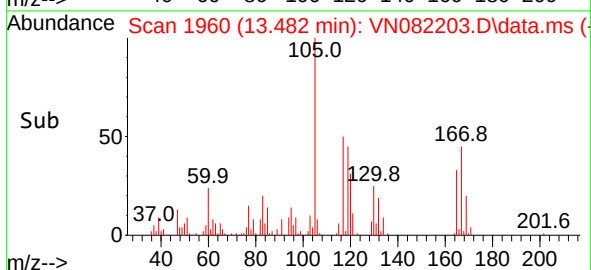
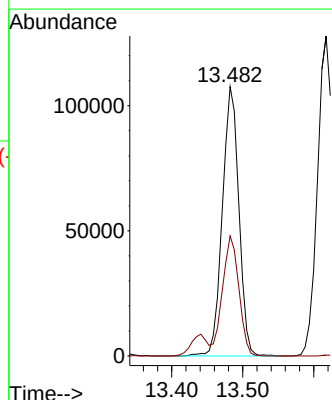
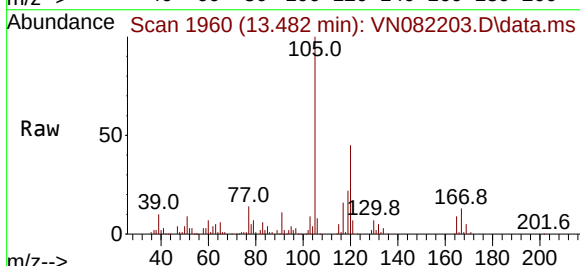
Delta R.T. -0.000 min

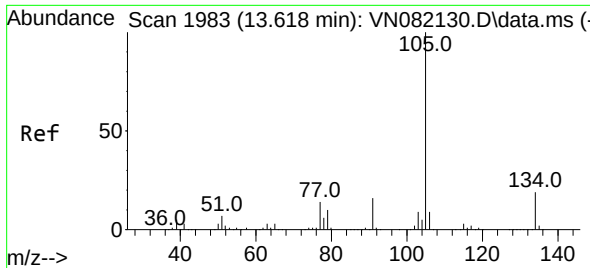
Lab File: VN082203.D

Acq: 20 May 2024 12:24

Tgt Ion:105 Resp: 173058

Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.9	68.7





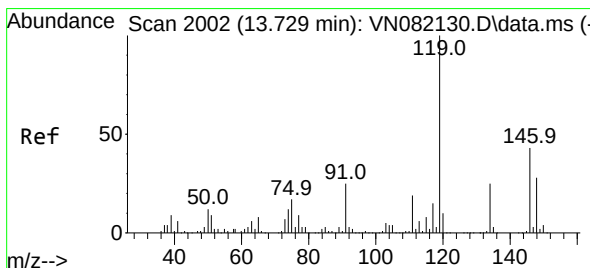
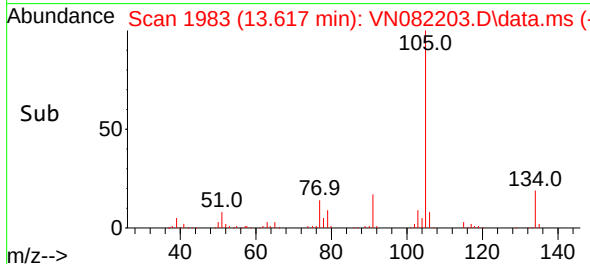
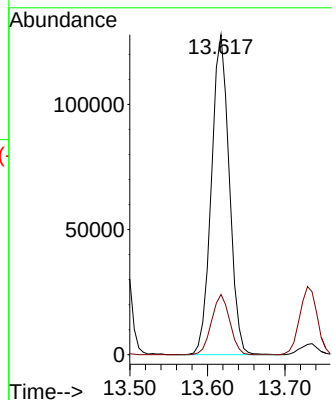
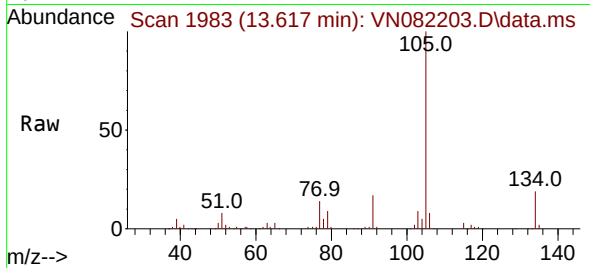
#85
 sec-Butylbenzene
 Concen: 18.906 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN082203.D
 Acq: 20 May 2024 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0520WBS01

Tgt Ion:105 Resp: 204362
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.2 30.4

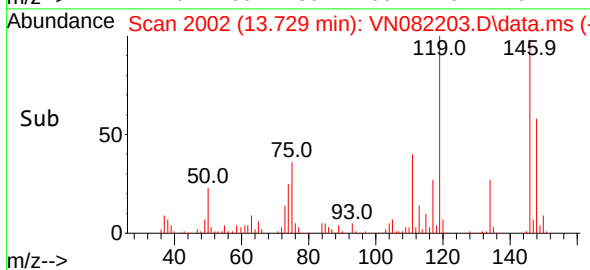
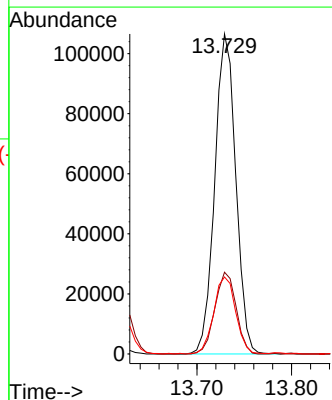
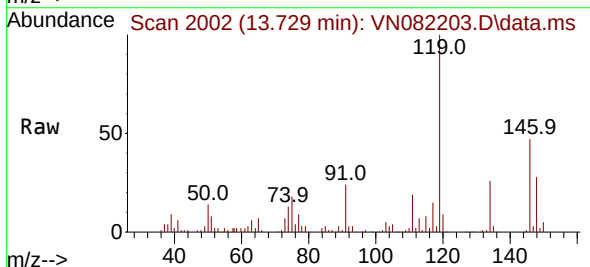
Manual Integrations
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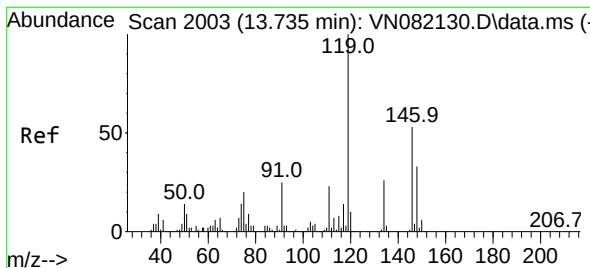
Reviewed By :John Carlone 05/21/2024
 Supervised By :Mahesh Dadoda 05/21/2024



#86
 p-Isopropyltoluene
 Concen: 18.727 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN082203.D
 Acq: 20 May 2024 12:24

Tgt Ion:119 Resp: 164509
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.2 39.5
 91 25.1 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 18.930 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN082203.D

Acq: 20 May 2024 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBS01

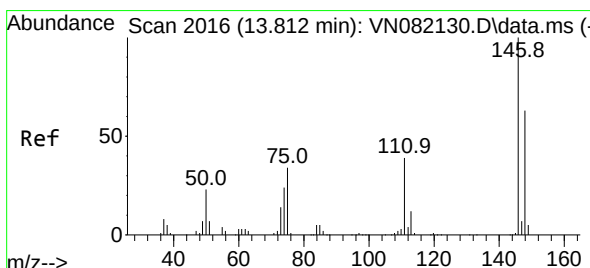
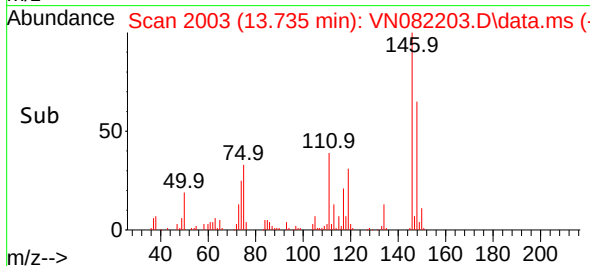
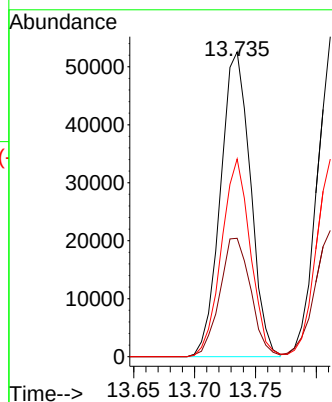
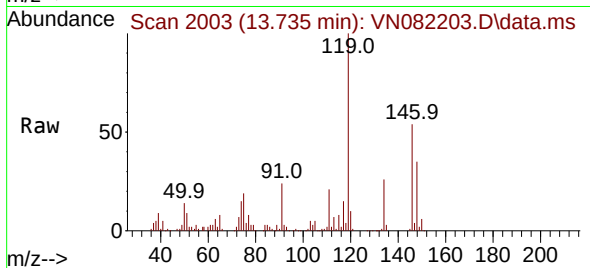
Tgt Ion:146	Resp:	9010
Ion Ratio	Lower	Upper
146	100	
111	40.0	20.8 62.5
148	62.7	32.1 96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#88

1,4-Dichlorobenzene

Concen: 18.520 ug/l

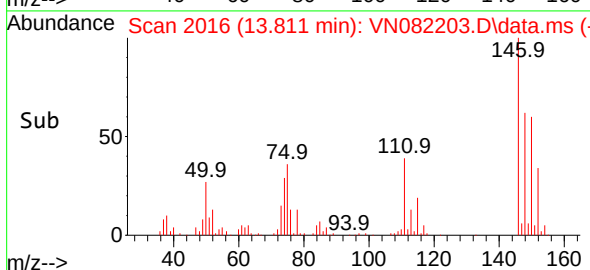
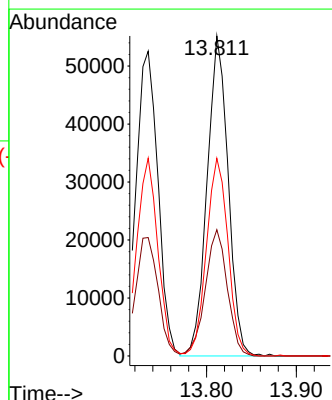
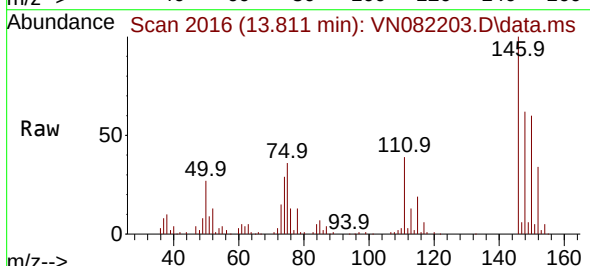
RT: 13.811 min Scan# 2016

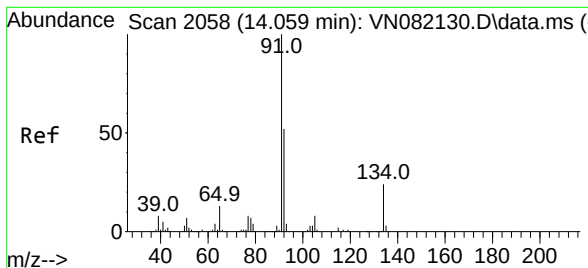
Delta R.T. -0.000 min

Lab File: VN082203.D

Acq: 20 May 2024 12:24

Tgt Ion:146	Resp:	89969
Ion Ratio	Lower	Upper
146	100	
111	41.3	19.3 57.9
148	63.0	31.3 93.9





#89

n-Butylbenzene

Concen: 18.465 ug/l

RT: 14.058 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN082203.D

Acq: 20 May 2024 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBS01

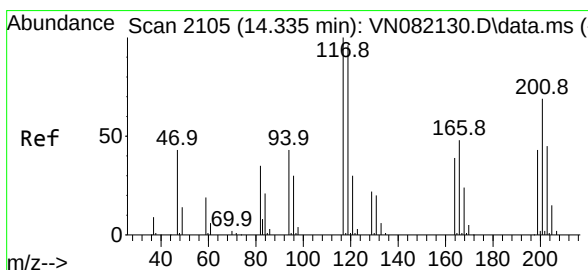
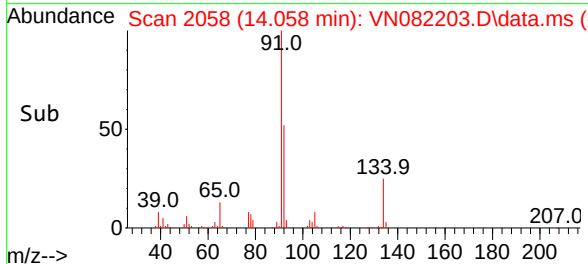
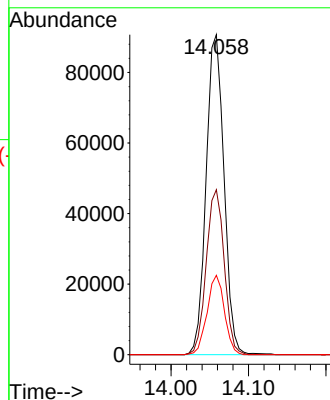
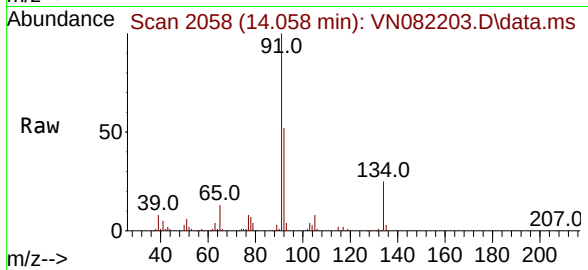
Tgt Ion:	91	Resp:	14579
Ion Ratio	Lower	Upper	
91	100		
92	51.7	26.2	78.5
134	24.1	13.2	39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#90

Hexachloroethane

Concen: 19.466 ug/l

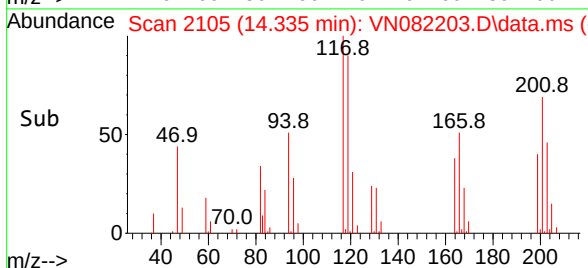
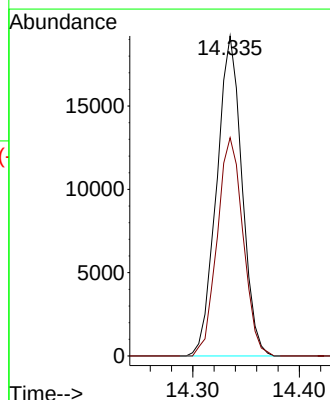
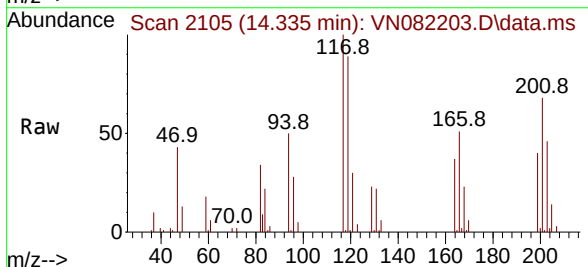
RT: 14.335 min Scan# 2105

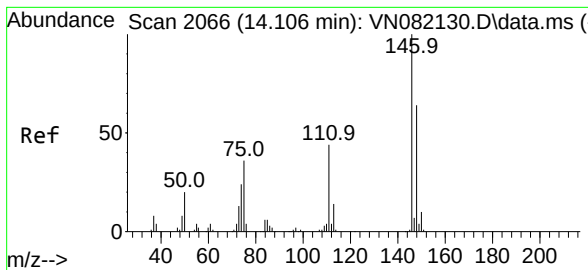
Delta R.T. -0.000 min

Lab File: VN082203.D

Acq: 20 May 2024 12:24

Tgt Ion:	117	Resp:	31684
Ion Ratio	Lower	Upper	
117	100		
201	69.7	33.3	99.8





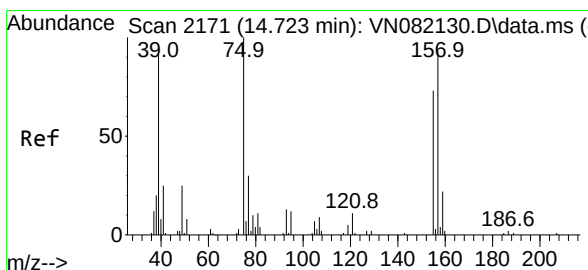
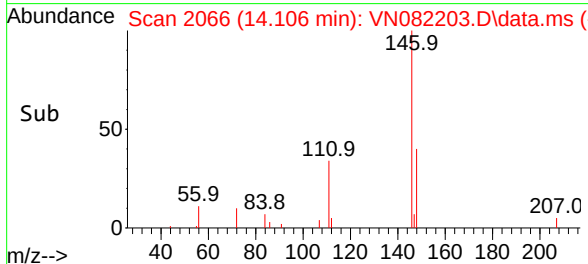
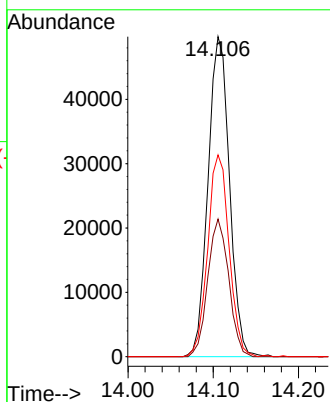
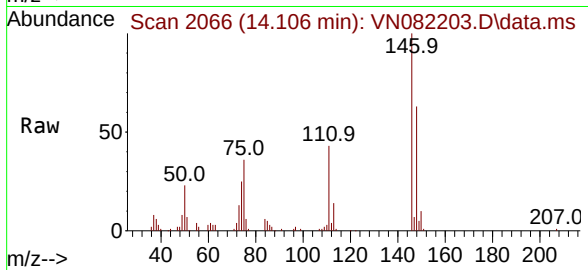
#91
1,2-Dichlorobenzene
Concen: 19.276 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01

Tgt Ion:146 Resp: 8684
Ion Ratio Lower Upper
146 100
111 42.1 21.3 64.0
148 62.9 31.8 95.4

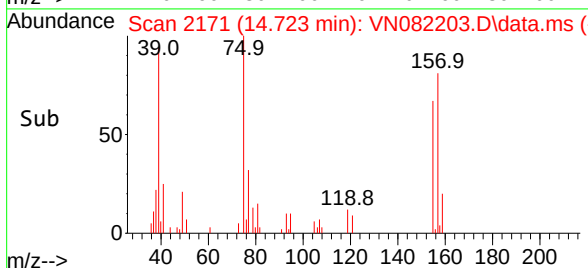
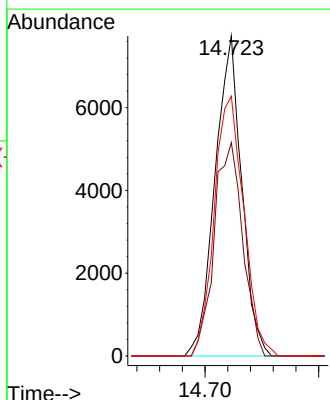
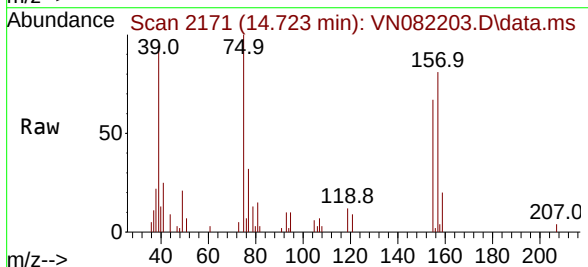
Manual Integrations
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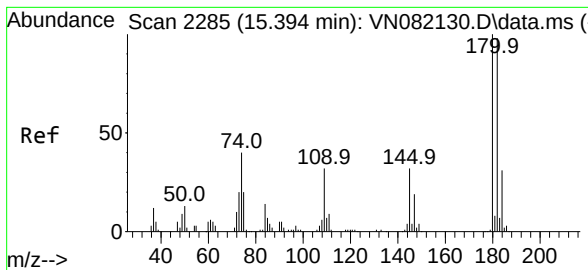
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.312 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

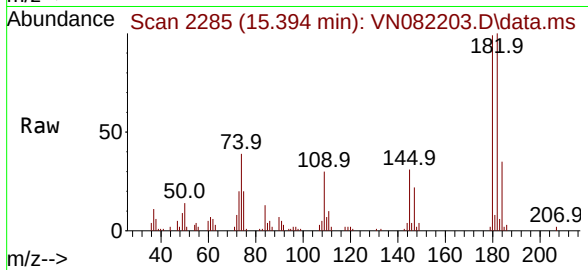
Tgt Ion: 75 Resp: 12609
Ion Ratio Lower Upper
75 100
155 71.3 42.6 128.0
157 89.8 53.0 159.0





#93
1,2,4-Trichlorobenzene
Concen: 17.916 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

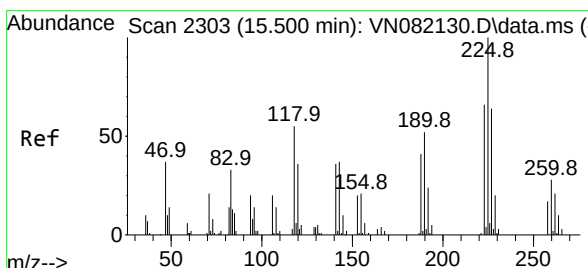
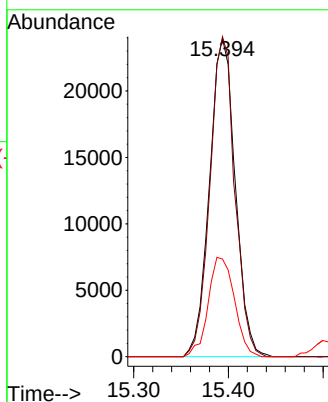
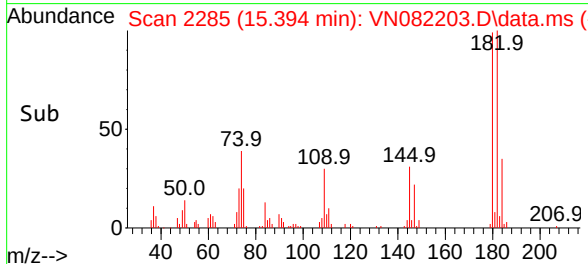
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



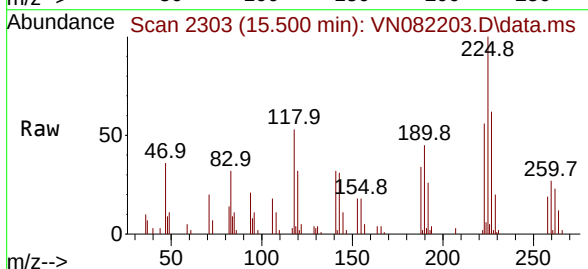
Tgt Ion:180 Resp: 45249
Ion Ratio Lower Upper
180 100
182 96.8 46.7 140.0
145 31.8 16.2 48.6

Manual Integrations
APPROVED

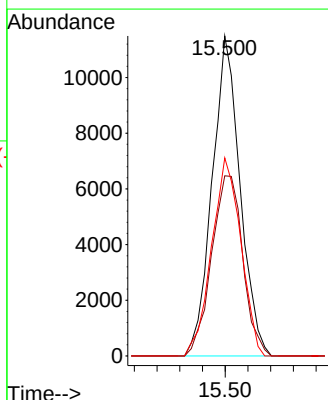
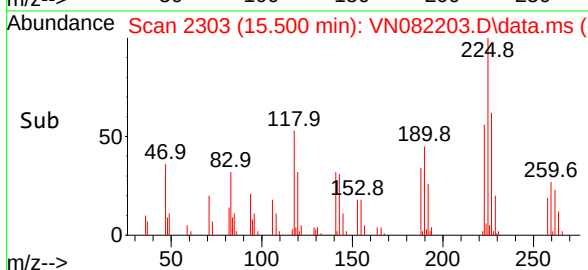
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

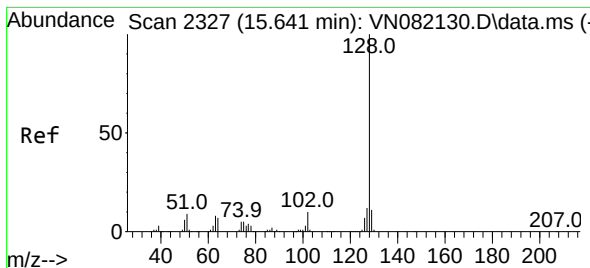


#94
Hexachlorobutadiene
Concen: 17.695 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24



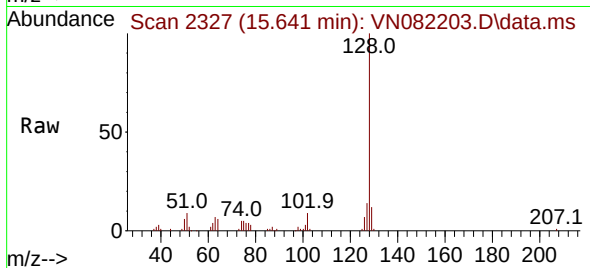
Tgt Ion:225 Resp: 19609
Ion Ratio Lower Upper
225 100
223 62.8 31.1 93.2
227 64.7 30.6 91.6





#95
Naphthalene
Concen: 17.959 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

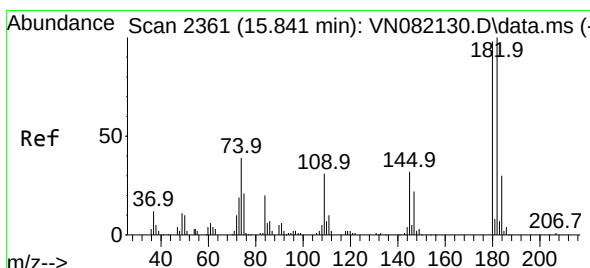
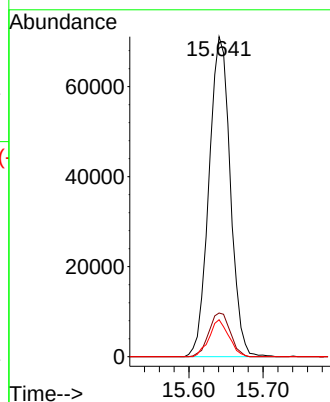
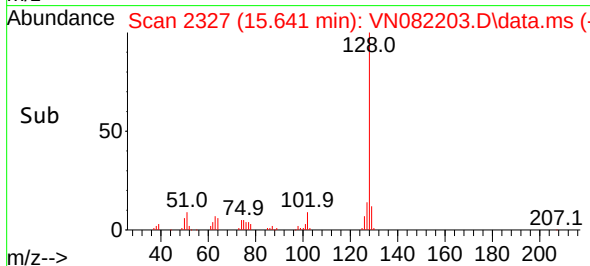
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



Tgt Ion:128 Resp: 14213
Ion Ratio Lower Upper
128 100
127 13.7 10.1 15.1
129 10.6 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#96
1,2,3-Trichlorobenzene
Concen: 17.889 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082203.D
Acq: 20 May 2024 12:24

Tgt Ion:180 Resp: 45227
Ion Ratio Lower Upper
180 100
182 96.3 46.0 137.8
145 33.6 17.1 51.3

