

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051823\
 Data File : VN077730.D
 Acq On : 18 May 2023 11:15
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/19/2023
 Supervised By :Mahesh Dadoda 05/29/2023

Quant Time: May 19 07:32:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	365926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	667504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	588944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	264309	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	265749	48.537	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.080%		
35) Dibromofluoromethane	8.171	113	223107	51.257	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.520%		
50) Toluene-d8	10.571	98	846298	50.513	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.020%		
62) 4-Bromofluorobenzene	12.853	95	295180	49.886	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	212119	50.935	ug/l	95
3) Chloromethane	2.371	50	209513	47.355	ug/l	96
4) Vinyl Chloride	2.524	62	249547	47.528	ug/l	98
5) Bromomethane	2.965	94	184835	47.598	ug/l	98
6) Chloroethane	3.130	64	169290	44.739	ug/l	99
7) Trichlorofluoromethane	3.506	101	379209	51.824	ug/l	97
8) Diethyl Ether	3.971	74	143730	53.805	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.389	101	215163	53.134	ug/l	99
10) Methyl Iodide	4.600	142	288748	59.791	ug/l	98
11) Tert butyl alcohol	5.530	59	185065	244.915	ug/l	98
12) 1,1-Dichloroethene	4.353	96	198439	51.560	ug/l	87
13) Acrolein	4.189	56	131962	284.706	ug/l	98
14) Allyl chloride	5.036	41	275811	48.782	ug/l	93
15) Acrylonitrile	5.724	53	494819	245.111	ug/l	99
16) Acetone	4.436	43	415329	241.111	ug/l	100
17) Carbon Disulfide	4.724	76	485954	46.861	ug/l	97
18) Methyl Acetate	5.030	43	348900	48.281	ug/l	90
19) Methyl tert-butyl Ether	5.800	73	752017	53.982	ug/l	96
20) Methylene Chloride	5.289	84	243333	54.449	ug/l	90
21) trans-1,2-Dichloroethene	5.800	96	222086	51.370	ug/l	87
22) Diisopropyl ether	6.677	45	691054	52.145	ug/l	95
23) Vinyl Acetate	6.612	43	2098037	255.516	ug/l	93
24) 1,1-Dichloroethane	6.571	63	429584	52.910	ug/l	98
25) 2-Butanone	7.488	43	649947	241.202	ug/l	89
26) 2,2-Dichloropropane	7.500	77	374634	54.312	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	271361	52.348	ug/l	91
28) Bromochloromethane	7.824	49	166345	47.374	ug/l	91
29) Tetrahydrofuran	7.841	42	408422	231.478	ug/l	85
30) Chloroform	7.971	83	472553	52.910	ug/l	91
31) Cyclohexane	8.265	56	361951	48.639	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	407772	53.701	ug/l	99
36) 1,1-Dichloropropene	8.377	75	332715	52.260	ug/l	97
37) Ethyl Acetate	7.565	43	257841	45.438	ug/l	95
38) Carbon Tetrachloride	8.371	117	353653	55.010	ug/l	100
39) Methylcyclohexane	9.606	83	417472	53.562	ug/l	91
40) Benzene	8.612	78	991174	52.757	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	147265	48.731	ug/l	91
42) 1,2-Dichloroethane	8.677	62	351306	51.476	ug/l	98
43) Isopropyl Acetate	8.694	43	460753	49.710	ug/l	96
44) Trichloroethene	9.359	130	263501	55.391	ug/l	96
45) 1,2-Dichloropropane	9.629	63	262708	54.821	ug/l	96
46) Dibromomethane	9.718	93	182043	53.088	ug/l	97
47) Bromodichloromethane	9.894	83	370342	56.411	ug/l	97
48) Methyl methacrylate	9.688	41	224442	51.073	ug/l	86
49) 1,4-Dioxane	9.694	88	84583	1019.067	ug/l #	88
51) 4-Methyl-2-Pentanone	10.453	43	1357262	246.351	ug/l	94
52) Toluene	10.635	92	638303	54.574	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	397096	57.118	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	426200	55.630	ug/l	94
55) 1,1,2-Trichloroethane	11.023	97	253896	54.671	ug/l	96
56) Ethyl methacrylate	10.882	69	377277	53.729	ug/l	93
57) 1,3-Dichloropropane	11.170	76	431451	54.193	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	858427	248.499	ug/l	93
59) 2-Hexanone	11.200	43	960813	235.774	ug/l	94
60) Dibromochloromethane	11.365	129	274136	57.180	ug/l	99
61) 1,2-Dibromoethane	11.476	107	257016	55.475	ug/l	98
64) Tetrachloroethene	11.112	164	245368	59.575	ug/l	98
65) Chlorobenzene	11.900	112	691525	54.162	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.970	131	256503	58.062	ug/l	97
67) Ethyl Benzene	11.970	91	1242464	54.303	ug/l	99
68) m/p-Xylenes	12.076	106	949710	109.546	ug/l	98
69) o-Xylene	12.406	106	477622	56.020	ug/l	99
70) Styrene	12.417	104	770309	56.874	ug/l	99
71) Bromoform	12.582	173	173557	59.056	ug/l #	100
73) Isopropylbenzene	12.700	105	1233532	54.141	ug/l	100
74) N-amyl acetate	12.500	43	386592	45.906	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	333489	47.580	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	328645m	49.650	ug/l	
77) Bromobenzene	12.988	156	275118	52.914	ug/l	97
78) n-propylbenzene	13.041	91	1427294	53.138	ug/l	100
79) 2-Chlorotoluene	13.129	91	851649	53.135	ug/l	98
80) 1,3,5-Trimethylbenzene	13.182	105	1043898	54.515	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	106799	51.575	ug/l	92
82) 4-Chlorotoluene	13.229	91	827850	51.912	ug/l	100
83) tert-Butylbenzene	13.447	119	904123	54.085	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	1024162	54.383	ug/l	97
85) sec-Butylbenzene	13.623	105	1296031	54.553	ug/l	100
86) p-Isopropyltoluene	13.735	119	1063985	56.176	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	505068	52.527	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	508091	53.250	ug/l	100
89) n-Butylbenzene	14.064	91	937607	53.822	ug/l	99
90) Hexachloroethane	14.341	117	186392	59.905	ug/l	92
91) 1,2-Dichlorobenzene	14.111	146	507914	56.543	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	62365	45.959	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	262365	49.981	ug/l	97
94) Hexachlorobutadiene	15.505	225	120850	55.449	ug/l	100
95) Naphthalene	15.647	128	791337	43.797	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	255711	49.753	ug/l	97

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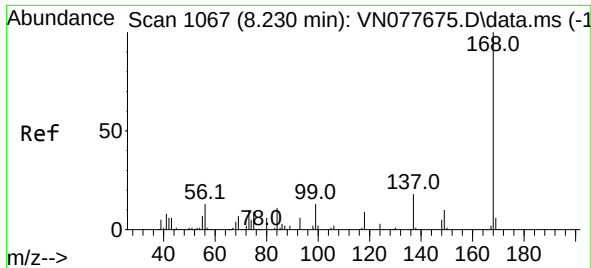
Manual Integrations
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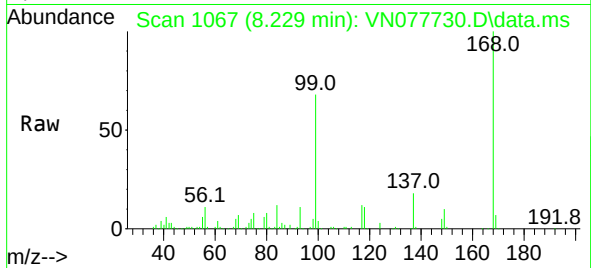
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
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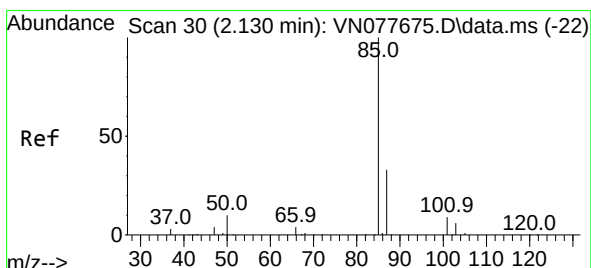
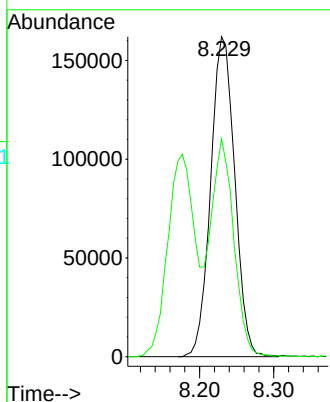
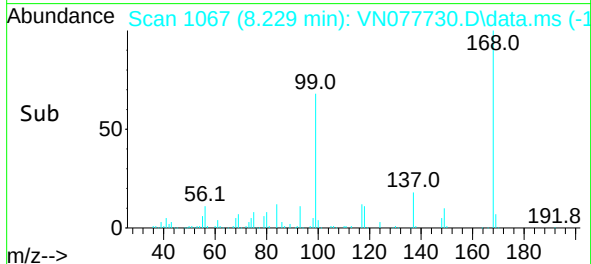
Instrument :
MSVOA_N
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VSTDCCC050



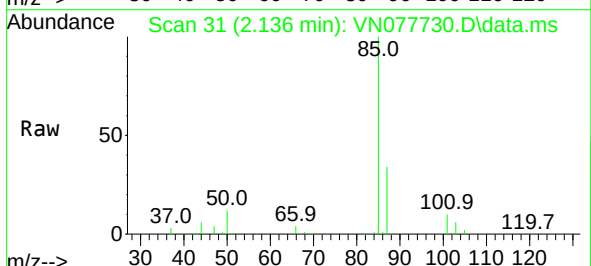
Tgt Ion:168 Resp: 365920
Ion Ratio Lower Upper
168 100
99 67.7 53.0 79.6

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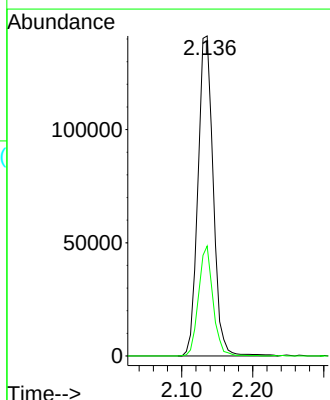
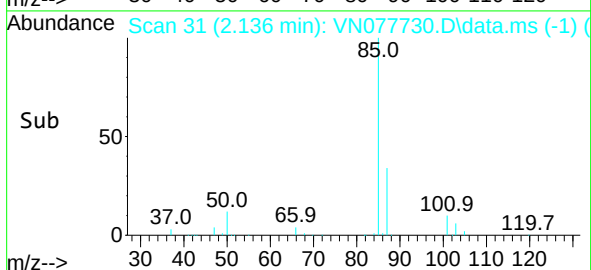
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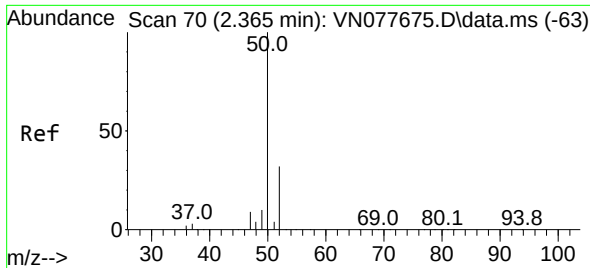


#2
Dichlorodifluoromethane
Concen: 50.935 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15



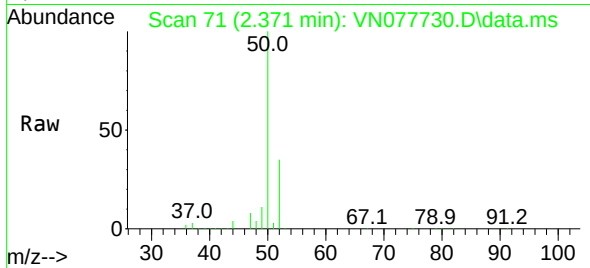
Tgt Ion: 85 Resp: 212119
Ion Ratio Lower Upper
85 100
87 34.4 15.8 47.4





#3
Chloromethane
Concen: 47.355 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

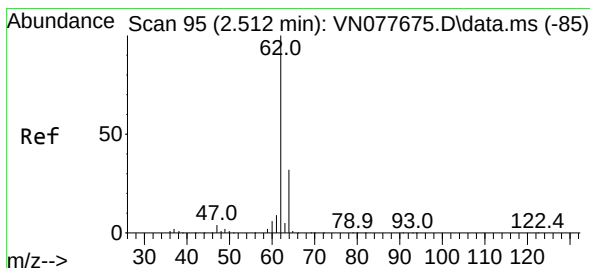
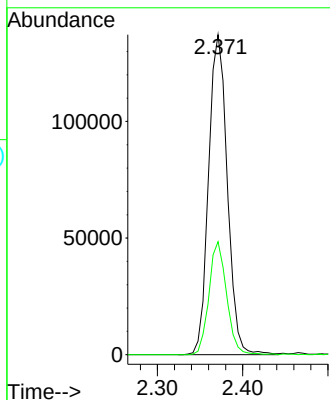
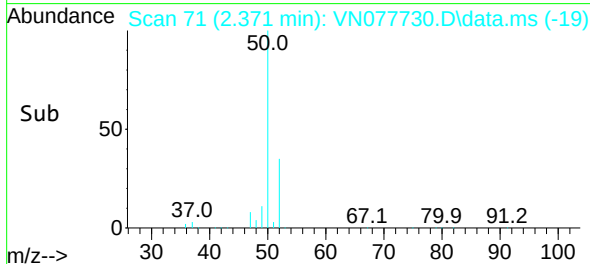
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Tgt Ion: 50 Resp: 20951
Ion Ratio Lower Upper
50 100
52 35.3 26.5 39.7

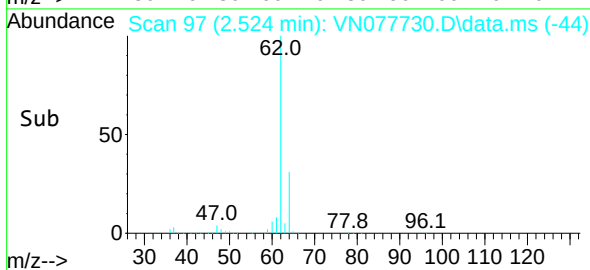
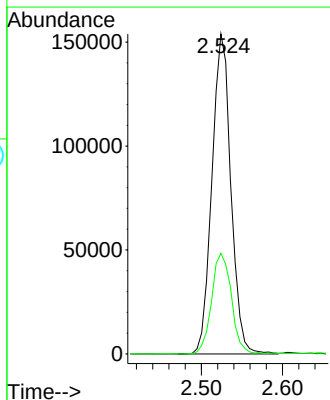
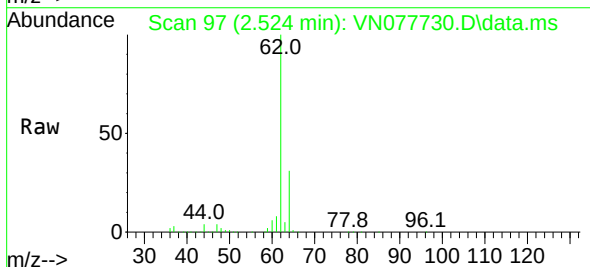
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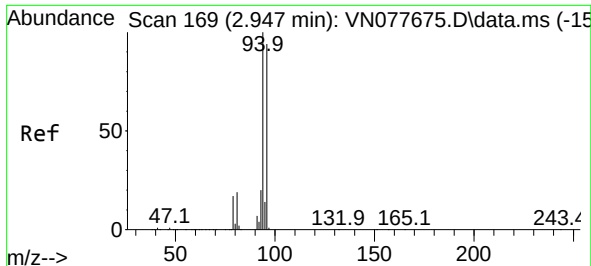
Reviewed By :John Carlone 05/19/2023
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#4
Vinyl Chloride
Concen: 47.528 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.012 min
Lab File: VN077730.D
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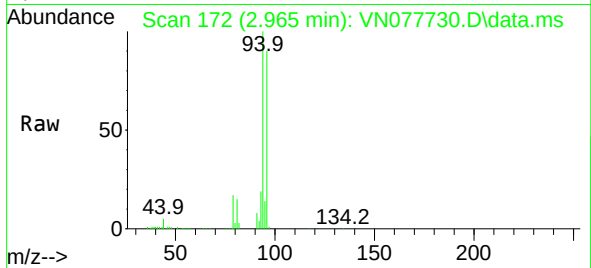
Tgt Ion: 62 Resp: 249547
Ion Ratio Lower Upper
62 100
64 31.5 26.2 39.2





#5
Bromomethane
Concen: 47.598 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

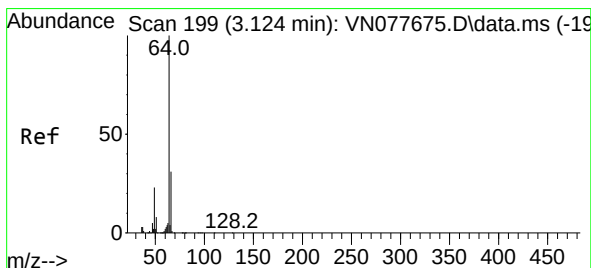
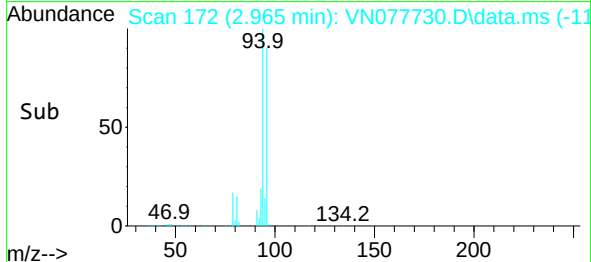
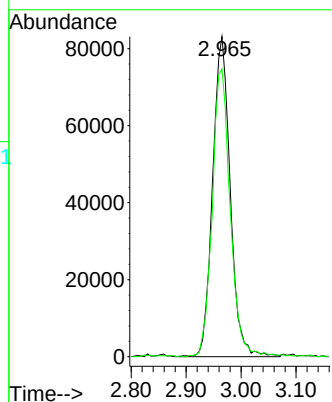
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Tgt Ion: 94 Resp: 18483
Ion Ratio Lower Upper
94 100
96 89.7 73.1 109.7

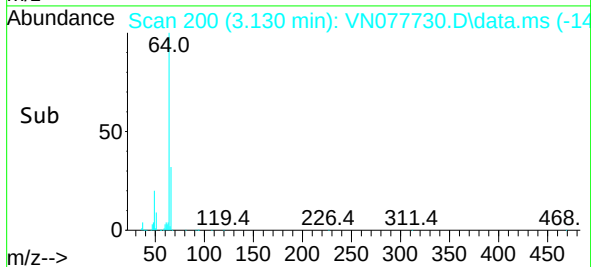
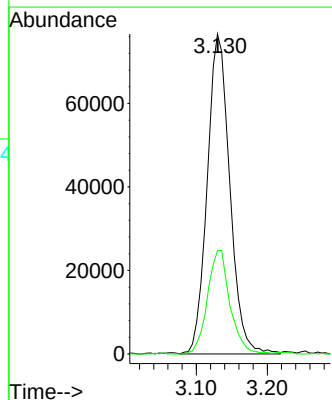
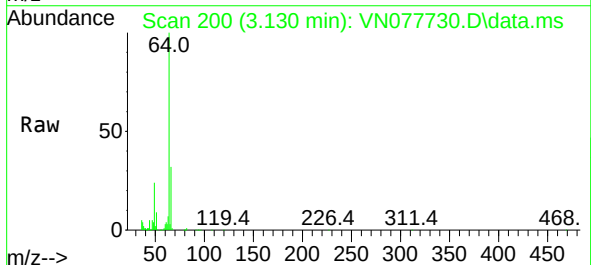
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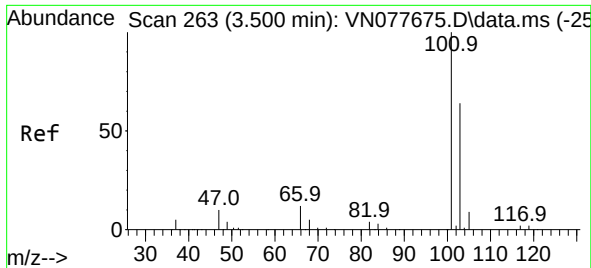
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/29/2023



#6
Chloroethane
Concen: 44.739 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

Tgt Ion: 64 Resp: 169290
Ion Ratio Lower Upper
64 100
66 32.3 25.4 38.2





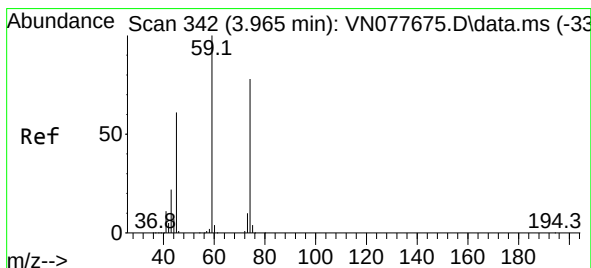
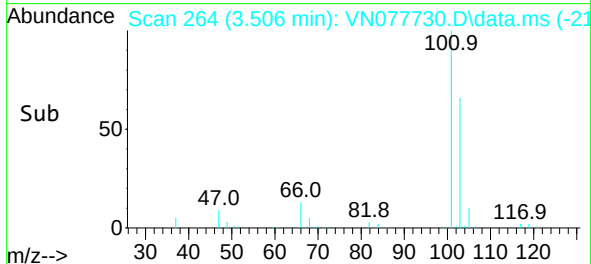
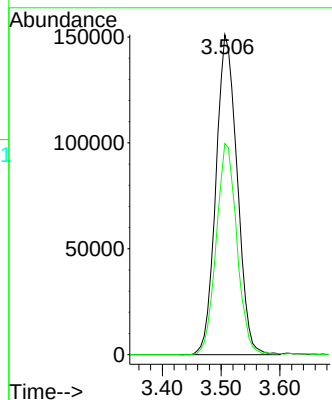
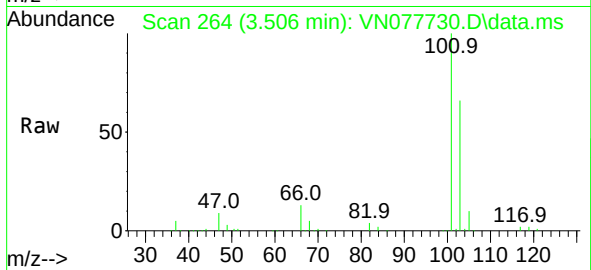
#7
Trichlorofluoromethane
Concen: 51.824 ug/l
RT: 3.506 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 379209
Ion Ratio Lower Upper
101 100
103 66.0 50.7 76.1

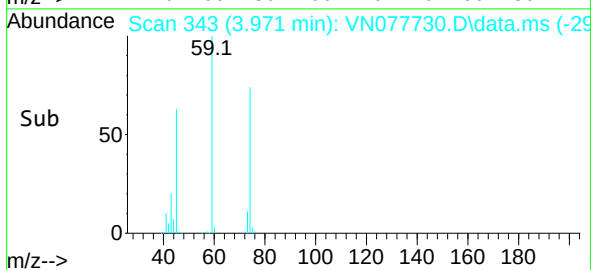
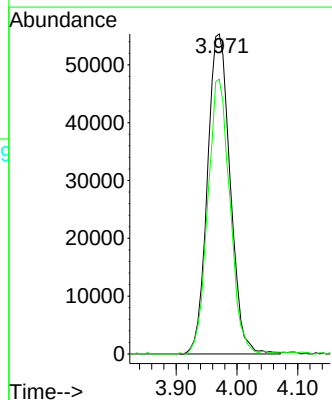
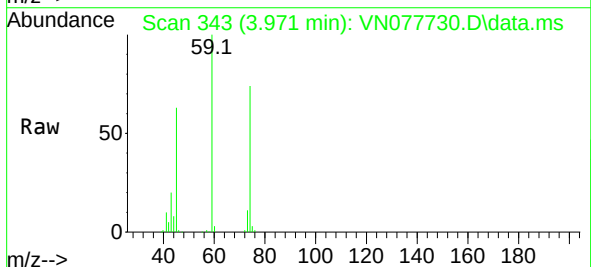
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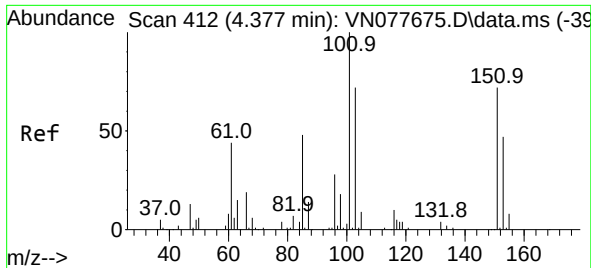
Reviewed By :John Carlone 05/19/2023
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#8
Diethyl Ether
Concen: 53.805 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.006 min
Lab File: VN077730.D
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Tgt Ion: 74 Resp: 143730
Ion Ratio Lower Upper
74 100
45 83.3 34.4 103.3





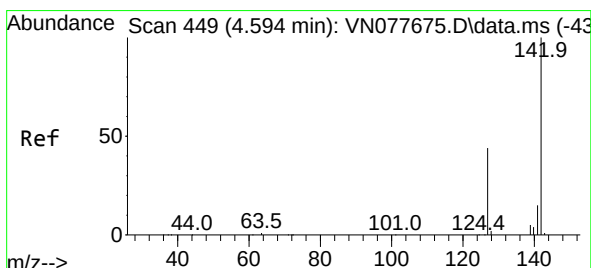
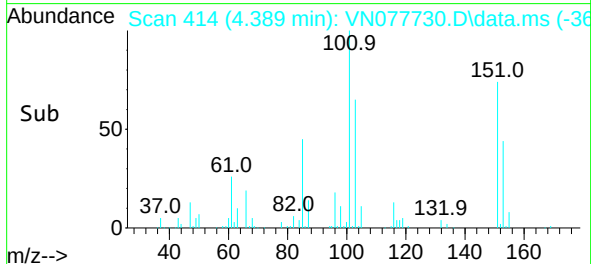
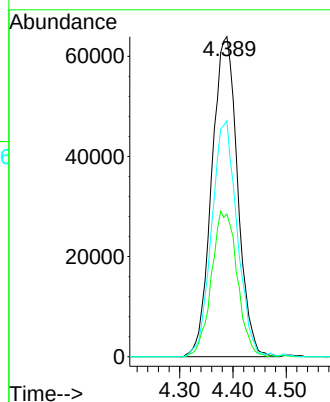
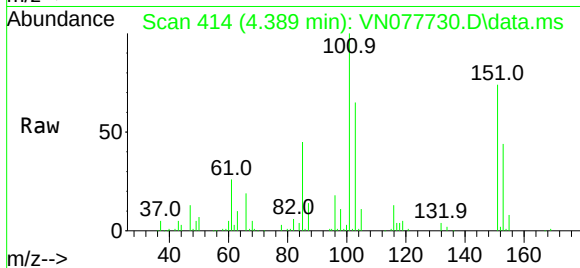
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.134 ug/l
RT: 4.389 min Scan# 412
Delta R.T. 0.012 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 21516
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 72.8 57.6 86.4

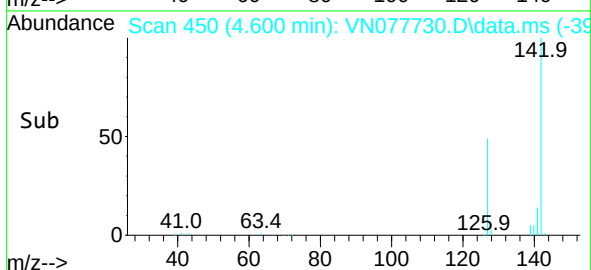
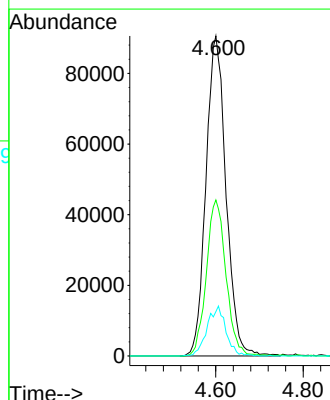
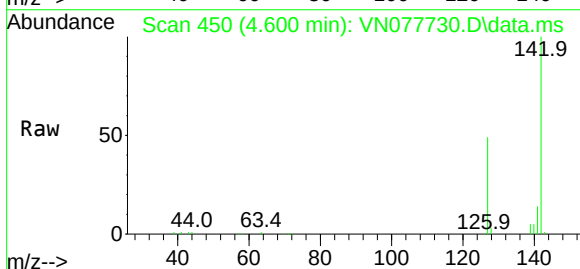
Manual Integrations
APPROVED

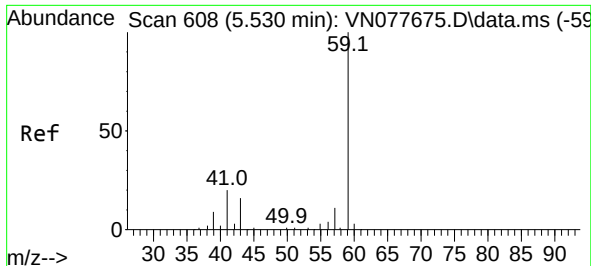
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/29/2023



#10
Methyl Iodide
Concen: 59.791 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

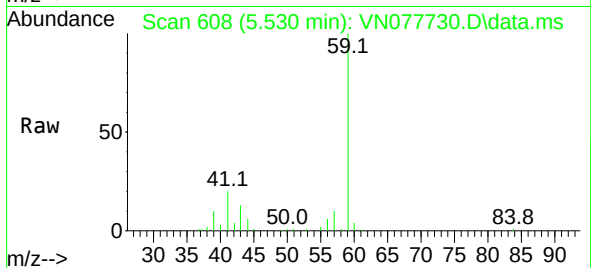
Tgt Ion:142 Resp: 288748
Ion Ratio Lower Upper
142 100
127 48.8 37.6 56.4
141 13.8 11.4 17.0





#11
Tert butyl alcohol
Concen: 244.915 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

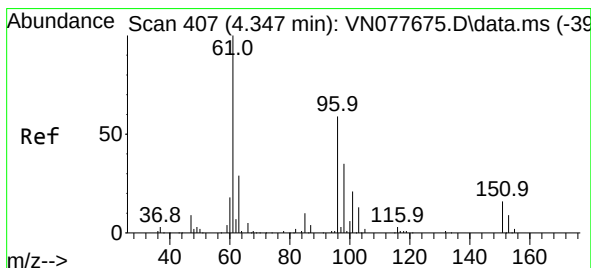
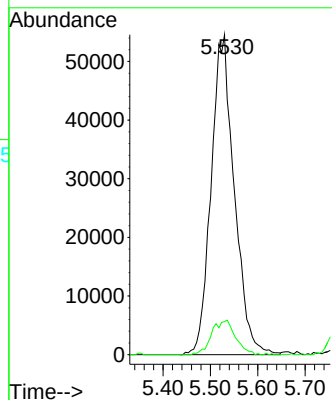
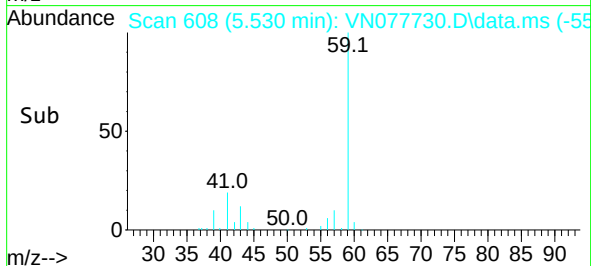
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 18506
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.4

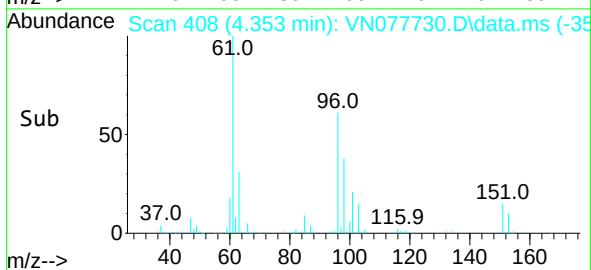
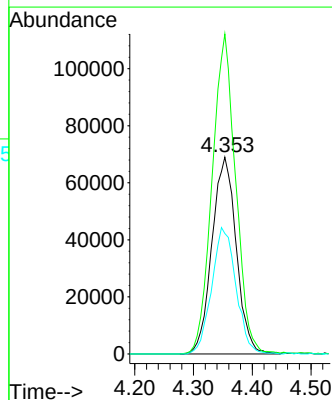
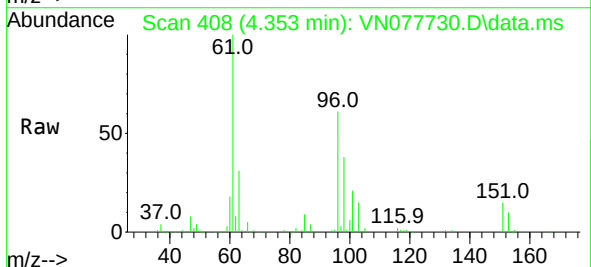
Manual Integrations
APPROVED

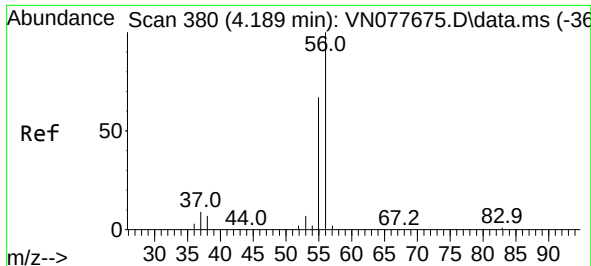
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/29/2023



#12
1,1-Dichloroethene
Concen: 51.560 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

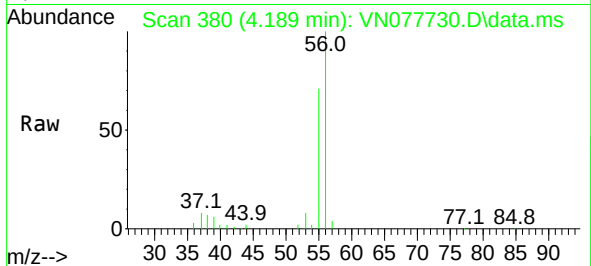
Tgt Ion: 96 Resp: 198439
Ion Ratio Lower Upper
96 100
61 162.6 112.7 169.1
98 61.3 51.2 76.8





#13
Acrolein
Concen: 284.706 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

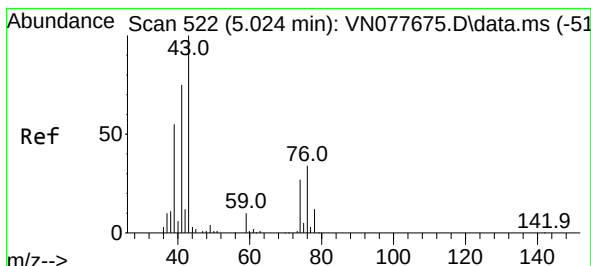
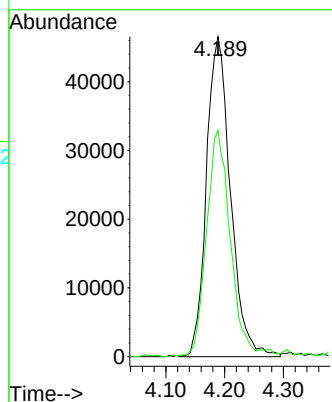
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 131962
Ion Ratio Lower Upper
56 100
55 69.8 54.5 81.7

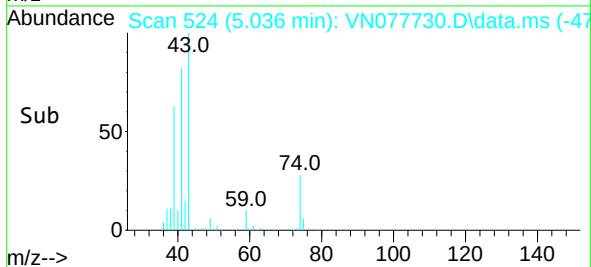
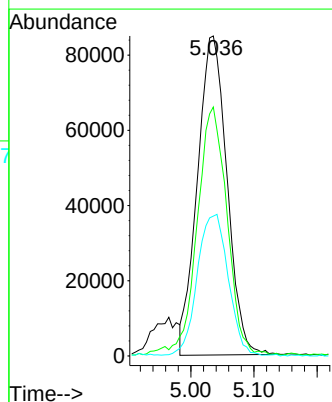
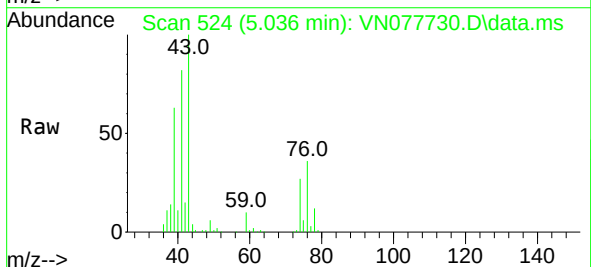
Manual Integrations
APPROVED

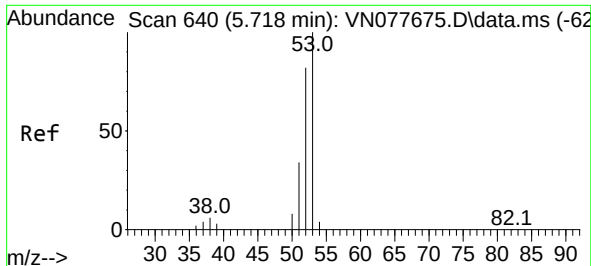
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/29/2023



#14
Allyl chloride
Concen: 48.782 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

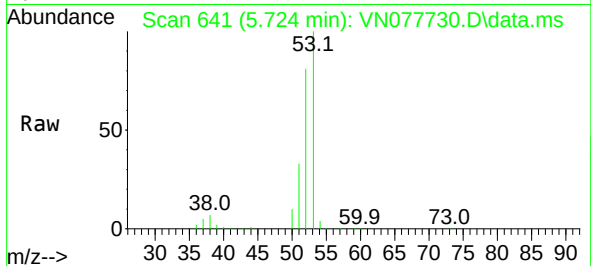
Tgt Ion: 41 Resp: 275811
Ion Ratio Lower Upper
41 100
39 80.2 58.8 88.2
76 45.8 39.1 58.7





#15
Acrylonitrile
Concen: 245.111 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

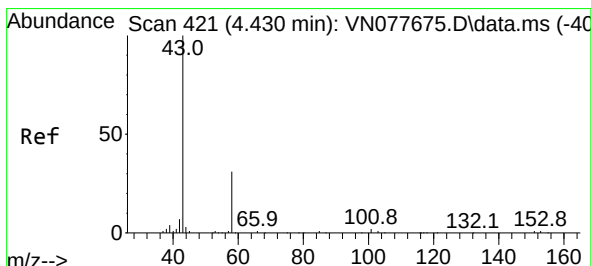
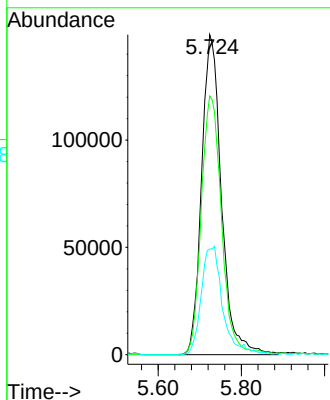
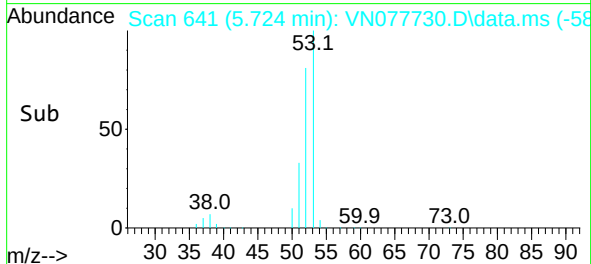
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



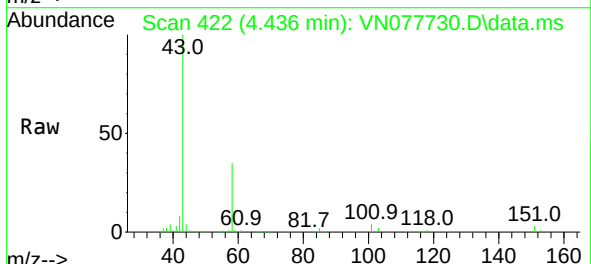
Tgt Ion: 53 Resp: 494819
Ion Ratio Lower Upper
53 100
52 82.8 65.3 97.9
51 36.6 28.9 43.3

Manual Integrations
APPROVED

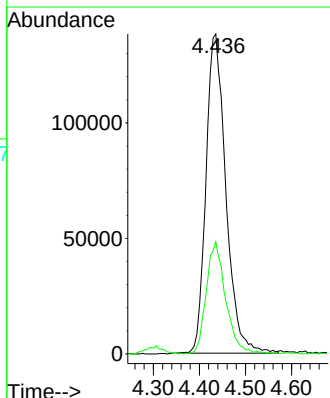
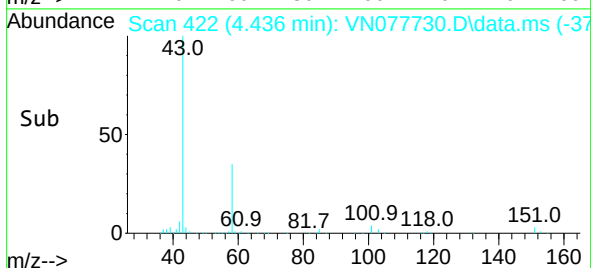
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/29/2023

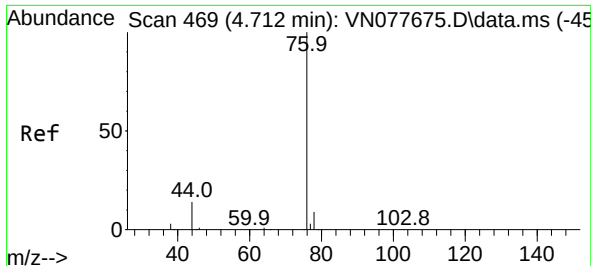


#16
Acetone
Concen: 241.111 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15



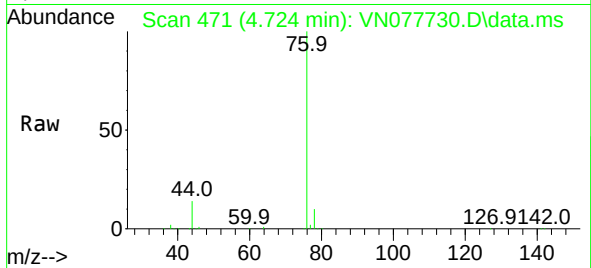
Tgt Ion: 43 Resp: 415329
Ion Ratio Lower Upper
43 100
58 35.2 28.0 42.0





#17
Carbon Disulfide
Concen: 46.861 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

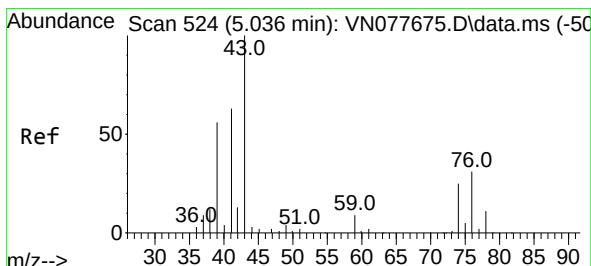
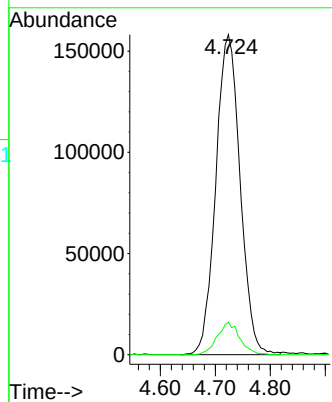
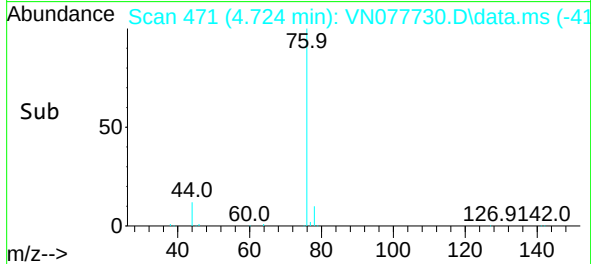
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 485954
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0

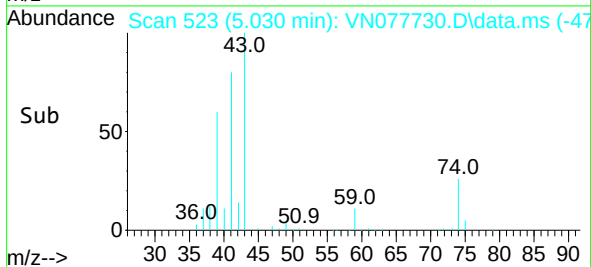
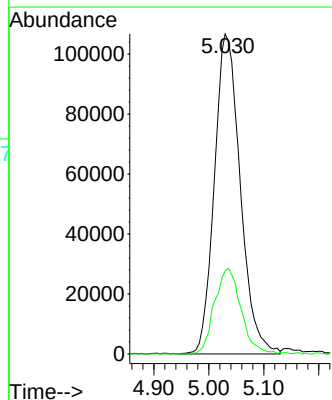
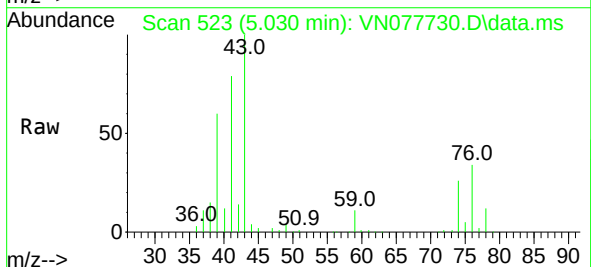
Manual Integrations
APPROVED

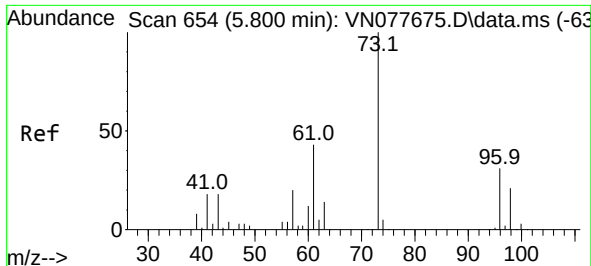
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/29/2023



#18
Methyl Acetate
Concen: 48.281 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

Tgt Ion: 43 Resp: 348900
Ion Ratio Lower Upper
43 100
74 27.3 26.2 39.4





#19

Methyl tert-butyl Ether

Concen: 53.982 ug/l

RT: 5.800 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN077730.D

Acq: 18 May 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 75201

Ion Ratio Lower Upper

73 100

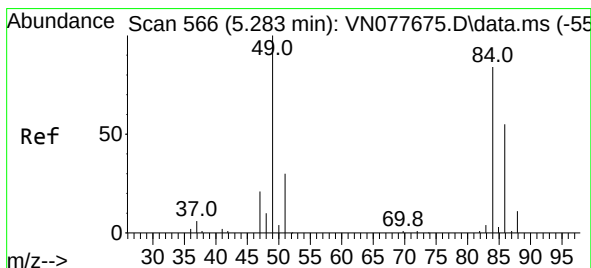
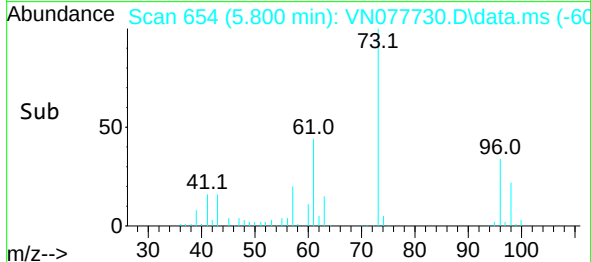
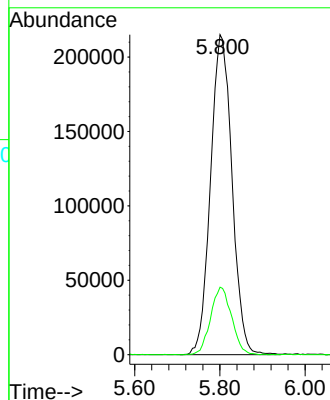
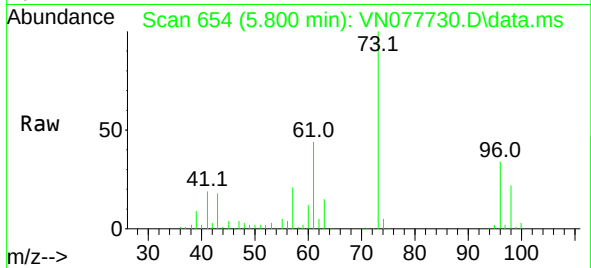
57 21.1 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/29/2023



#20

Methylene Chloride

Concen: 54.449 ug/l

RT: 5.289 min Scan# 567

Delta R.T. 0.005 min

Lab File: VN077730.D

Acq: 18 May 2023 11:15

Tgt Ion: 84 Resp: 243333

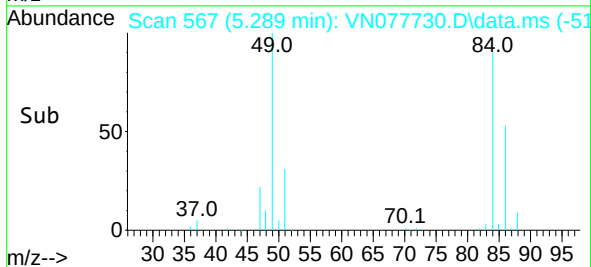
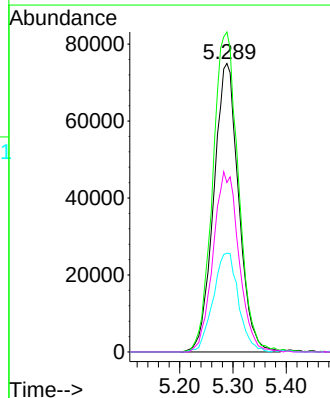
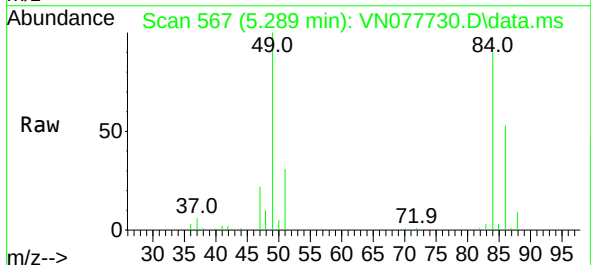
Ion Ratio Lower Upper

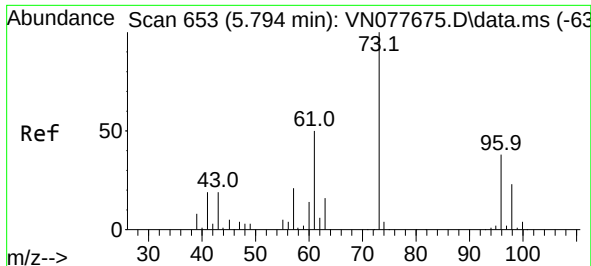
84 100

49 110.9 79.7 119.5

51 34.3 25.2 37.8

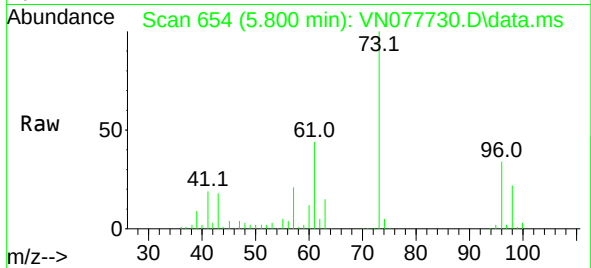
86 58.7 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 51.370 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

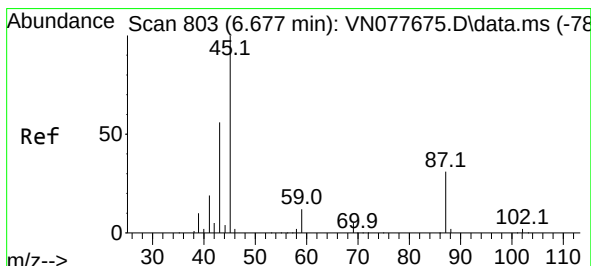
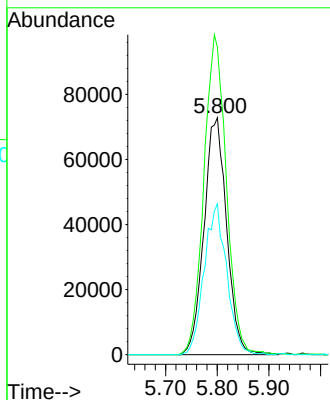
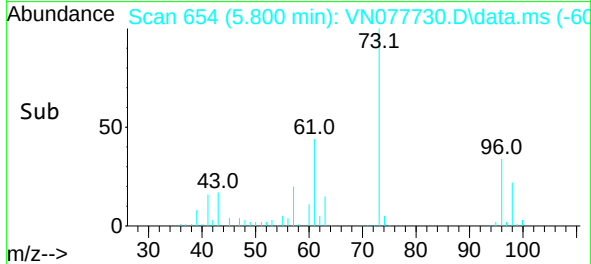
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



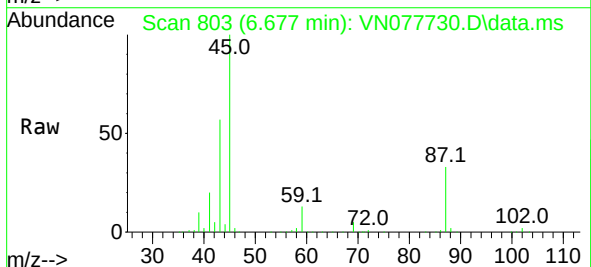
Tgt Ion: 96 Resp: 222080
Ion Ratio Lower Upper
96 100
61 129.8 90.1 135.1
98 63.7 46.4 69.6

Manual Integrations
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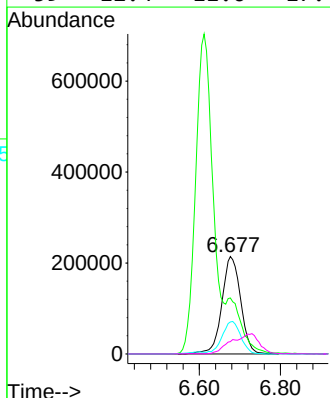
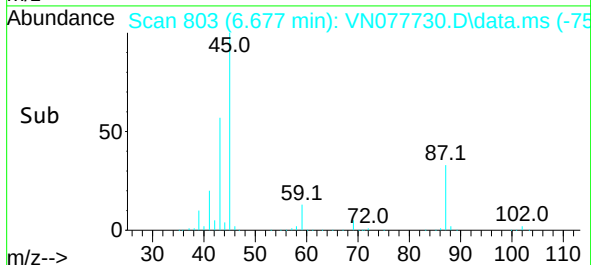
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/29/2023

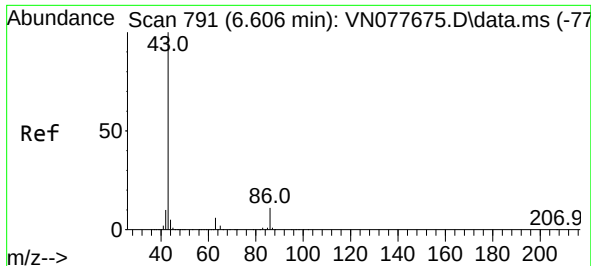


#22
Diisopropyl ether
Concen: 52.145 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15



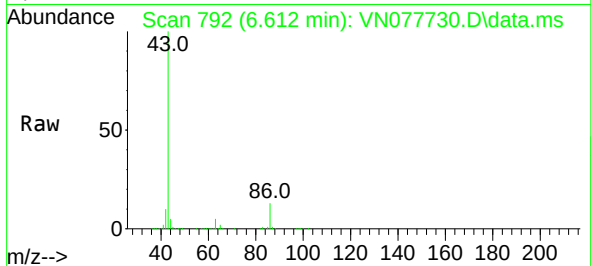
Tgt Ion: 45 Resp: 691054
Ion Ratio Lower Upper
45 100
43 56.8 45.5 68.3
87 32.7 31.8 47.8
59 12.4 11.6 17.4





#23
Vinyl Acetate
Concen: 255.516 ug/l
RT: 6.612 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

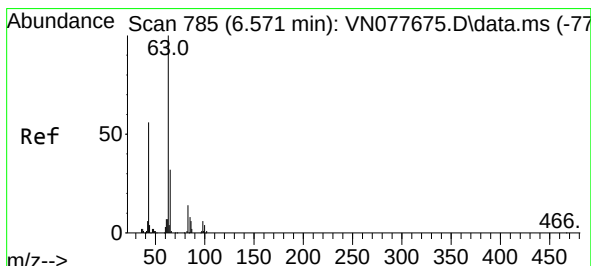
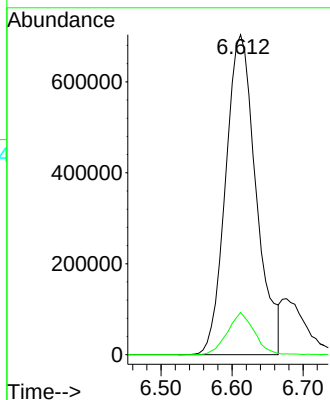
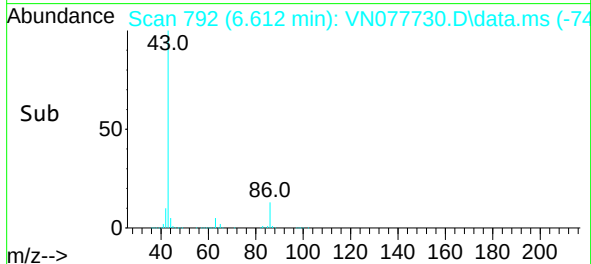
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 209803
Ion Ratio Lower Upper
43 100
86 13.2 13.0 19.6

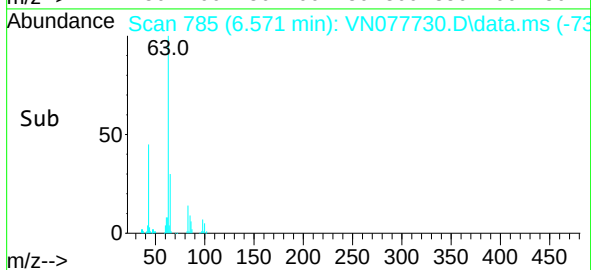
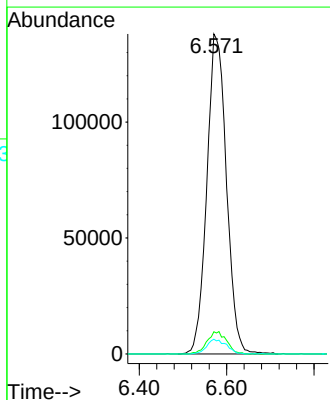
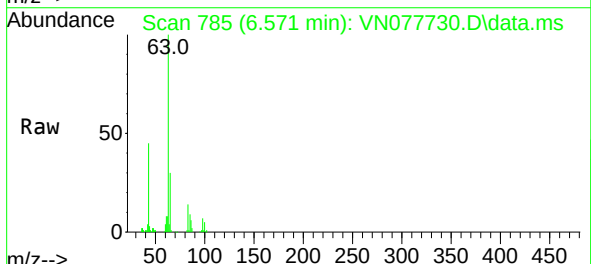
Manual Integrations
APPROVED

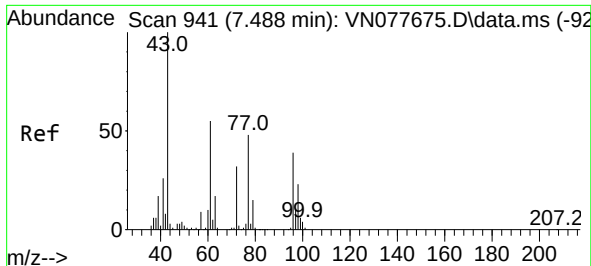
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/29/2023



#24
1,1-Dichloroethane
Concen: 52.910 ug/l
RT: 6.571 min Scan# 785
Delta R.T. -0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

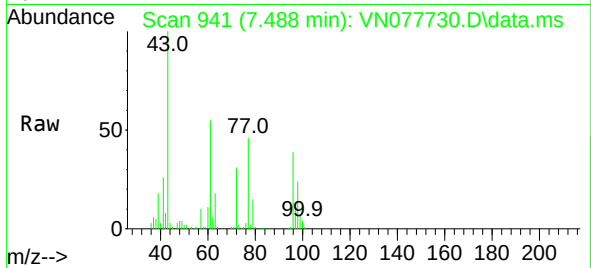
Tgt Ion: 63 Resp: 429584
Ion Ratio Lower Upper
63 100
98 6.9 3.9 11.7
100 4.6 2.5 7.4





#25
2-Butanone
Concen: 241.202 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

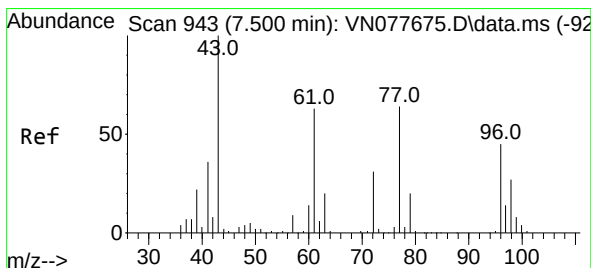
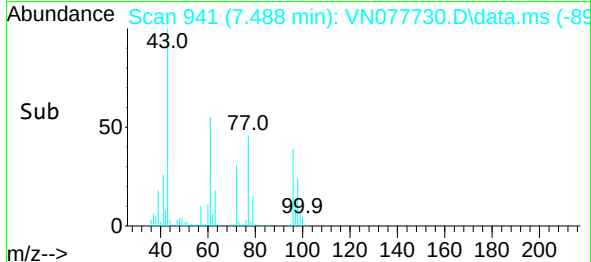
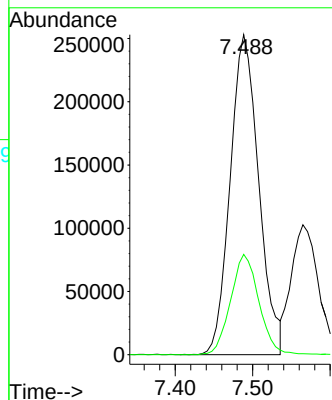
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 64994
Ion Ratio Lower Upper
43 100
72 31.3 30.2 45.2

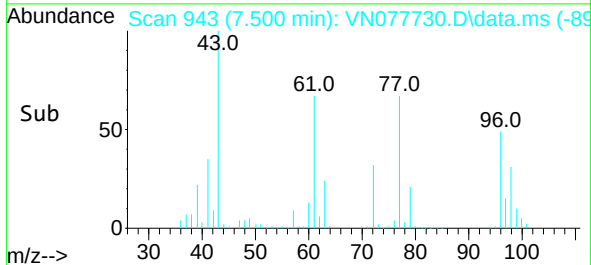
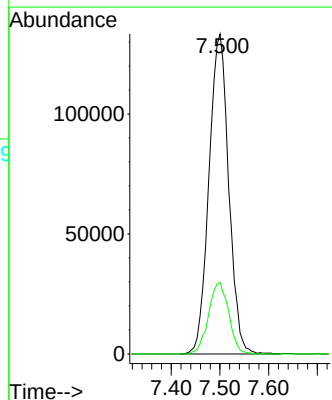
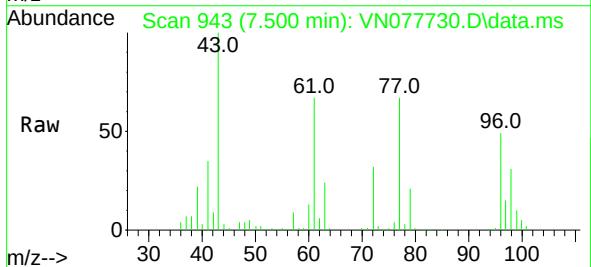
Manual Integrations
APPROVED

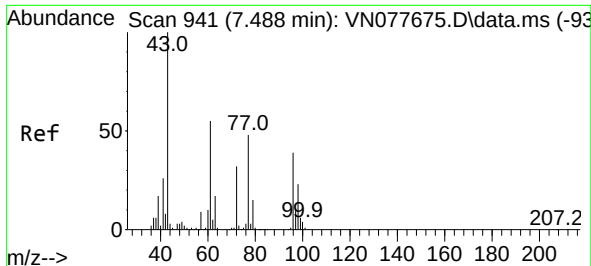
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/29/2023



#26
2,2-Dichloropropane
Concen: 54.312 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

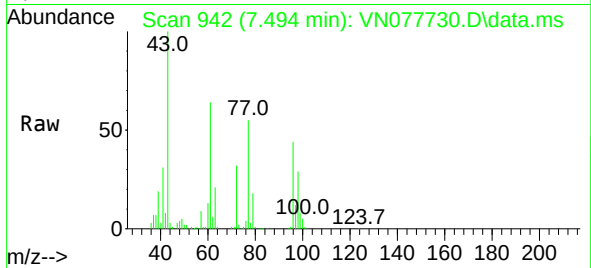
Tgt Ion: 77 Resp: 374634
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 52.348 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN077730.D
 Acq: 18 May 2023 11:15

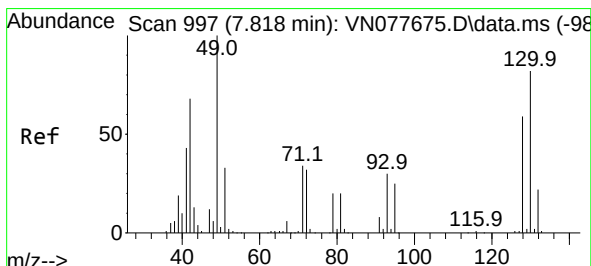
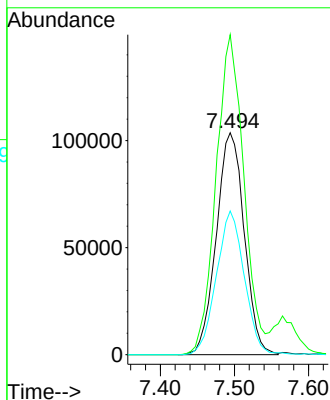
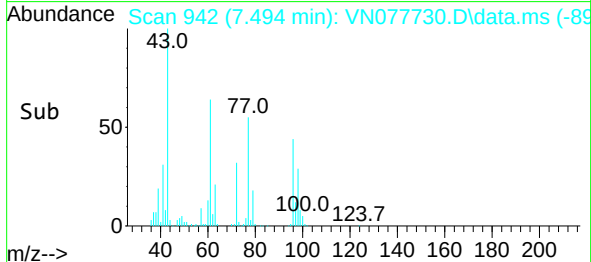
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 27136
 Ion Ratio Lower Upper
 96 100
 61 143.5 0.0 255.2
 98 64.9 0.0 128.8

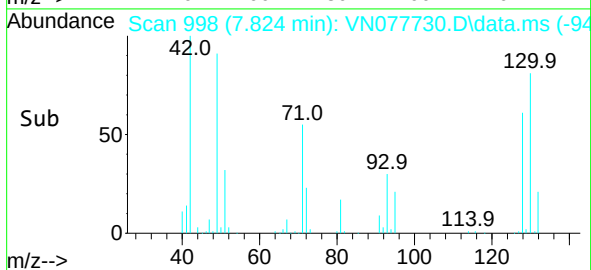
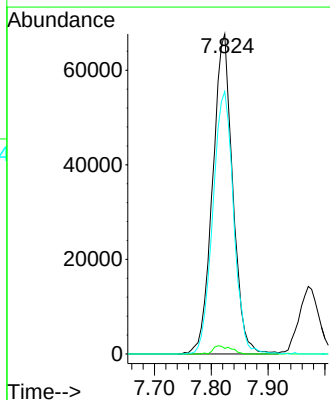
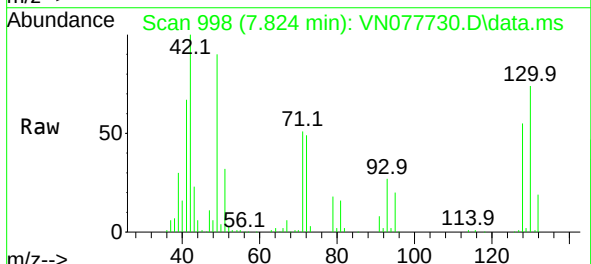
Manual Integrations
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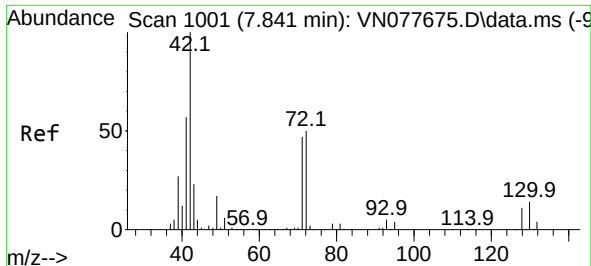
Reviewed By :John Carlone 05/19/2023
 Supervised By :Mahesh Dadoda 05/29/2023



#28
 Bromochloromethane
 Concen: 47.374 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN077730.D
 Acq: 18 May 2023 11:15

Tgt Ion: 49 Resp: 166345
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 84.7 75.3 112.9





#29

Tetrahydrofuran

Concen: 231.478 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN077730.D

Acq: 18 May 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 40842

Ion Ratio Lower Upper

42 100

72 51.2 49.8 74.6

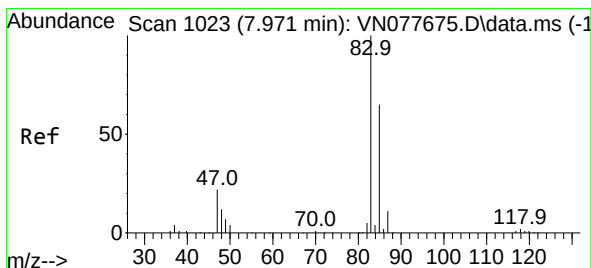
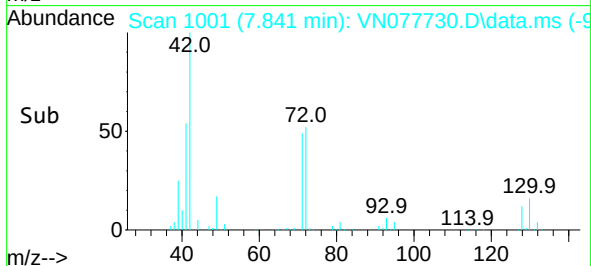
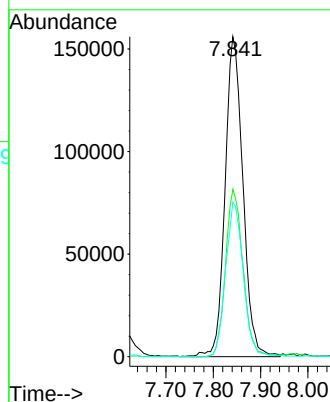
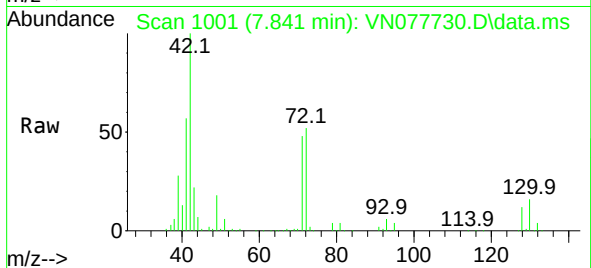
71 48.1 47.4 71.2

Manual Integrations

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Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/29/2023



#30

Chloroform

Concen: 52.910 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN077730.D

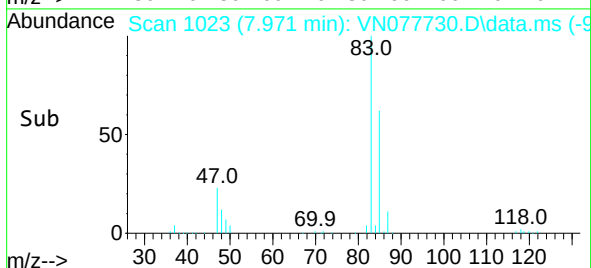
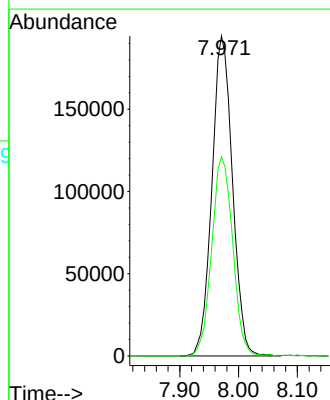
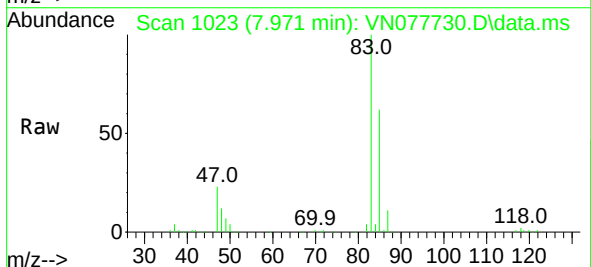
Acq: 18 May 2023 11:15

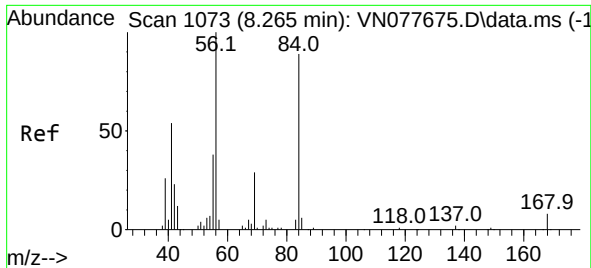
Tgt Ion: 83 Resp: 472553

Ion Ratio Lower Upper

83 100

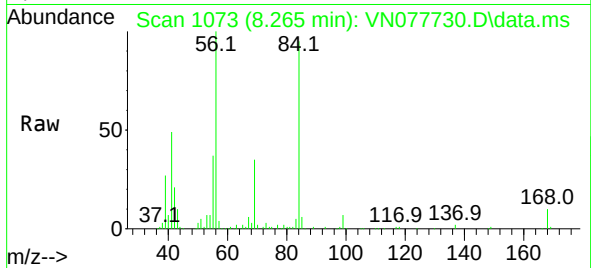
85 62.2 55.4 83.0





#31
Cyclohexane
Concen: 48.639 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

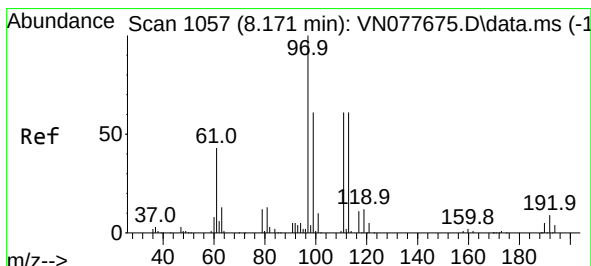
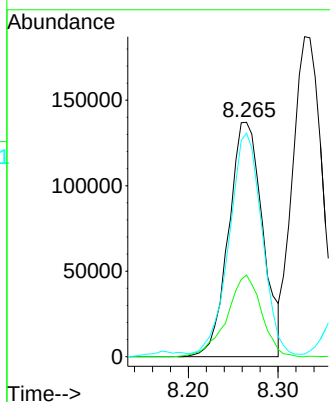
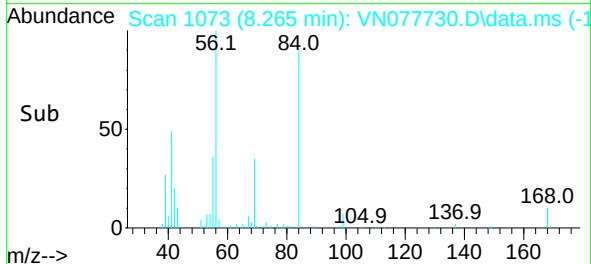
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



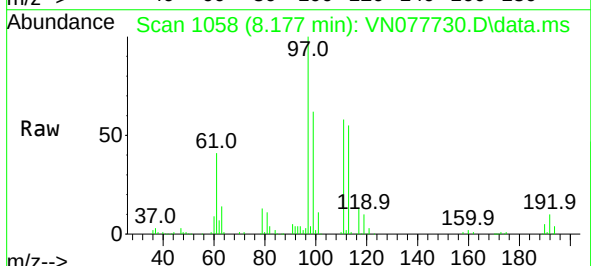
Tgt Ion: 56 Resp: 36195
Ion Ratio Lower Upper
56 100
69 34.7 26.8 40.2
84 93.6 81.8 122.6

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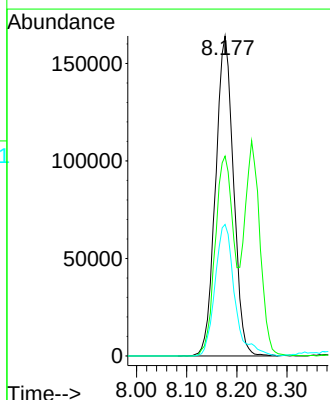
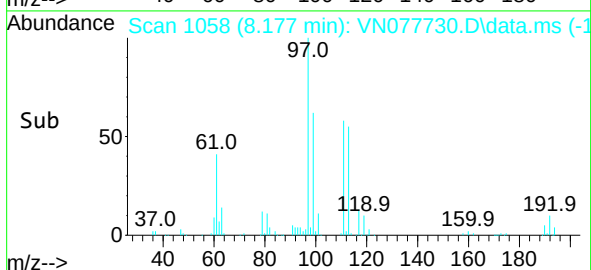
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/29/2023

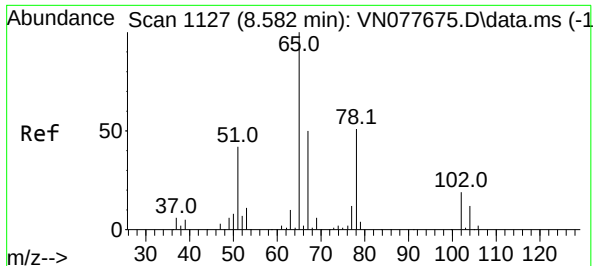


#32
1,1,1-Trichloroethane
Concen: 53.701 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15



Tgt Ion: 97 Resp: 407772
Ion Ratio Lower Upper
97 100
99 62.3 50.3 75.5
61 44.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.537 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN077730.D

Acq: 18 May 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 265749

Ion Ratio Lower Upper

65 100

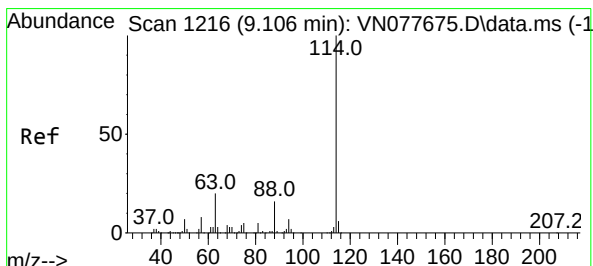
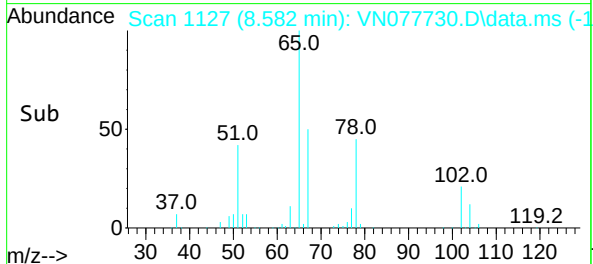
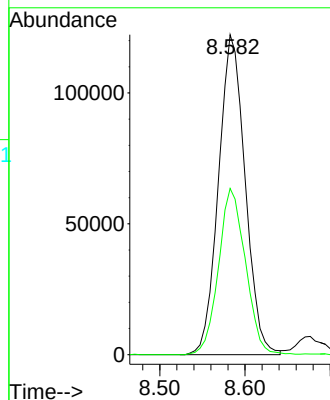
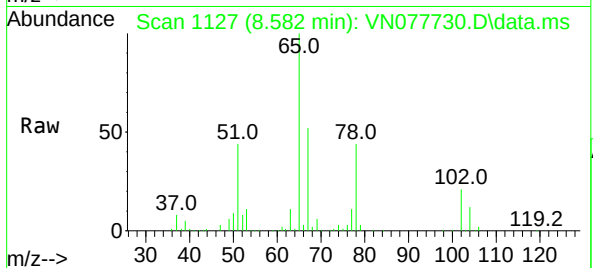
67 52.6 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/29/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN077730.D

Acq: 18 May 2023 11:15

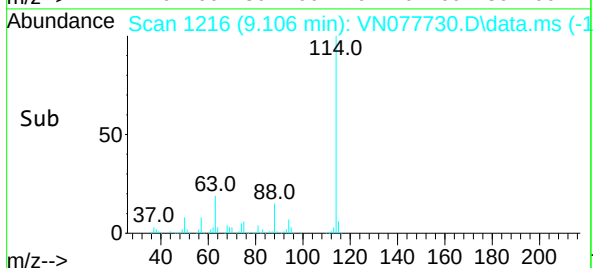
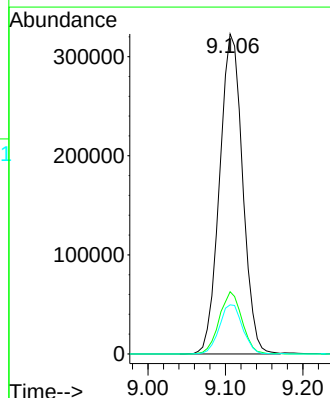
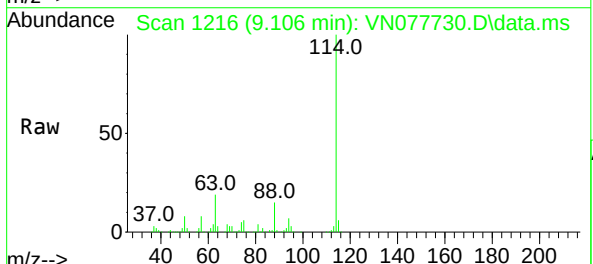
Tgt Ion:114 Resp: 667504

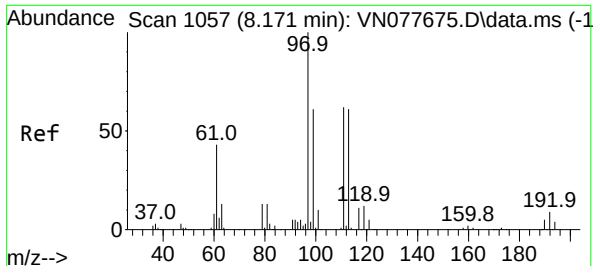
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

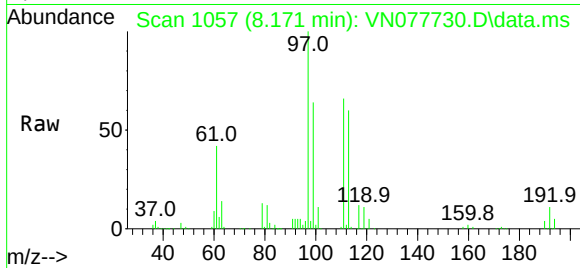
88 15.4 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.257 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

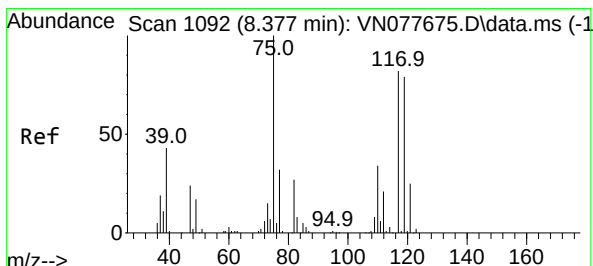
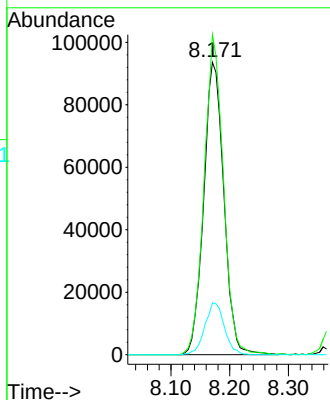
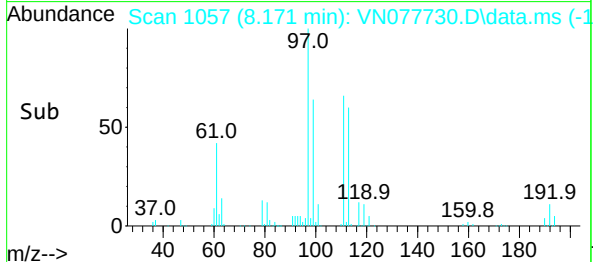
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



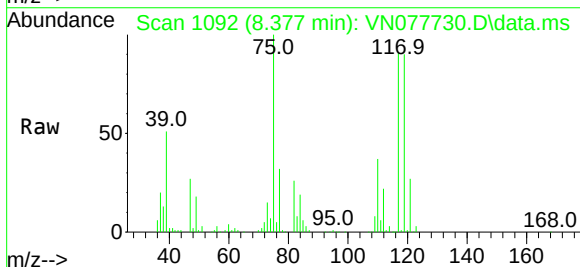
Tgt Ion: 113 Resp: 22310
Ion Ratio Lower Upper
113 100
111 105.2 82.6 123.8
192 17.2 12.7 19.1

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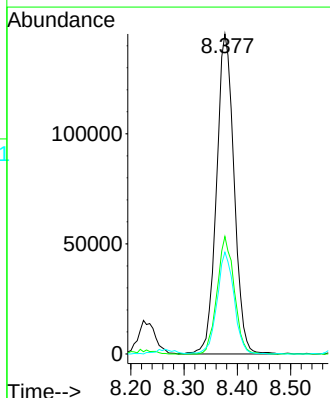
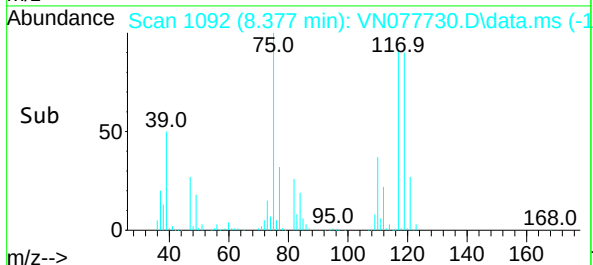
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/29/2023

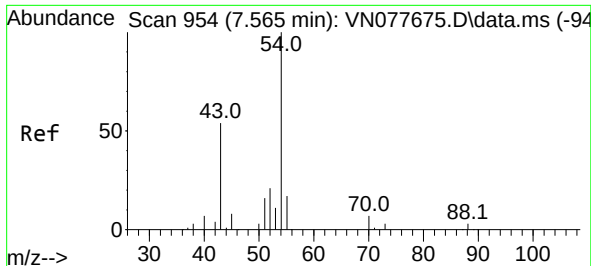


#36
1,1-Dichloropropene
Concen: 52.260 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15



Tgt Ion: 75 Resp: 332715
Ion Ratio Lower Upper
75 100
110 35.7 19.1 57.3
77 30.9 25.0 37.4





#37

Ethyl Acetate

Concen: 45.438 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN077730.D

Acq: 18 May 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 25784

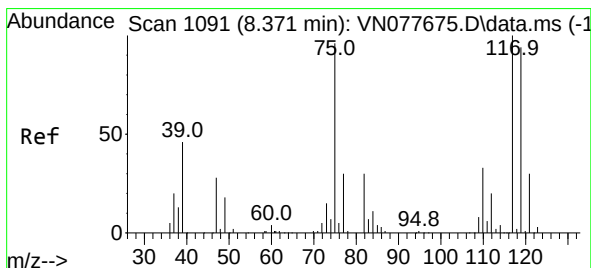
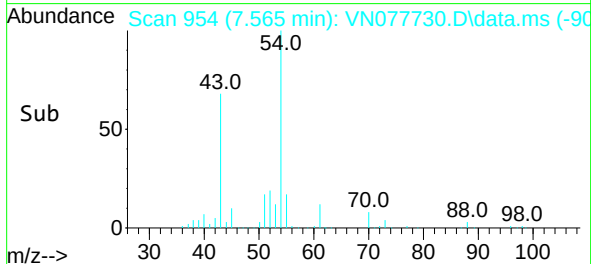
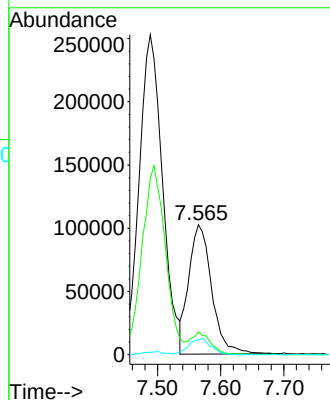
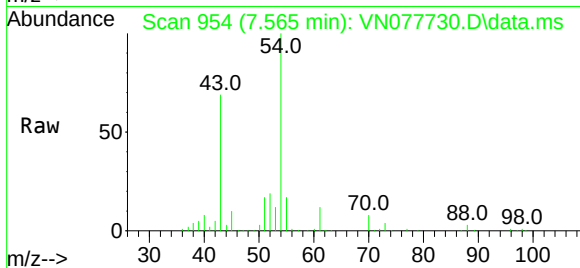
Ion	Ratio	Lower	Upper
43	100		
61	14.3	13.2	19.8
70	12.1	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/29/2023



#38

Carbon Tetrachloride

Concen: 55.010 ug/l

RT: 8.371 min Scan# 1091

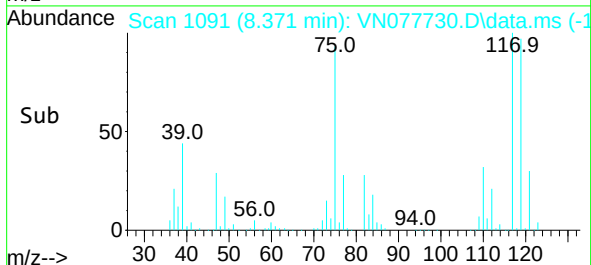
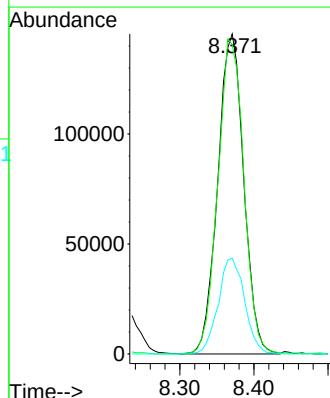
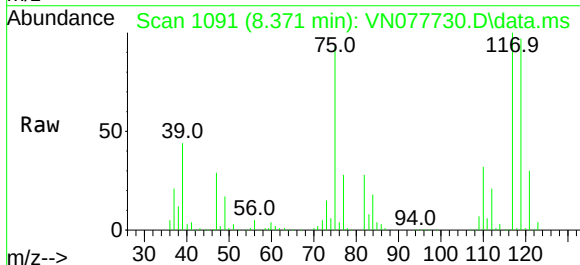
Delta R.T. -0.000 min

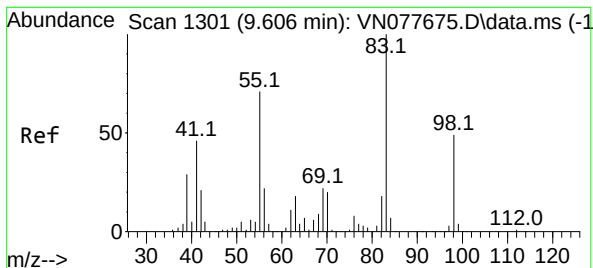
Lab File: VN077730.D

Acq: 18 May 2023 11:15

Tgt Ion:117 Resp: 353653

Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.3	115.9
121	29.9	23.3	34.9





#39

Methylcyclohexane

Concen: 53.562 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077730.D

Acq: 18 May 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 417472

Ion Ratio Lower Upper

83 100

55 70.3 49.1 73.7

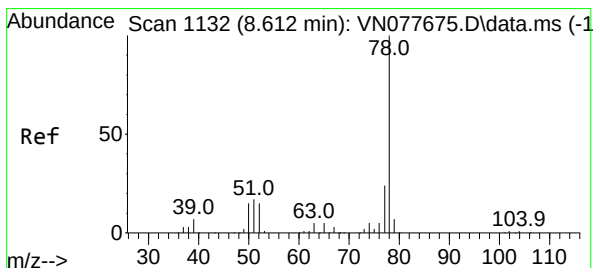
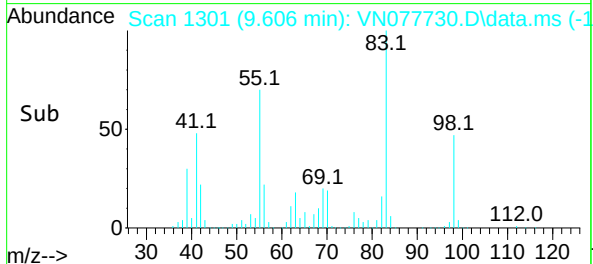
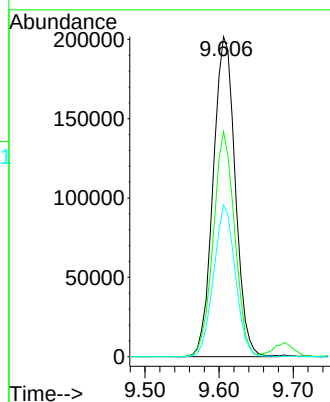
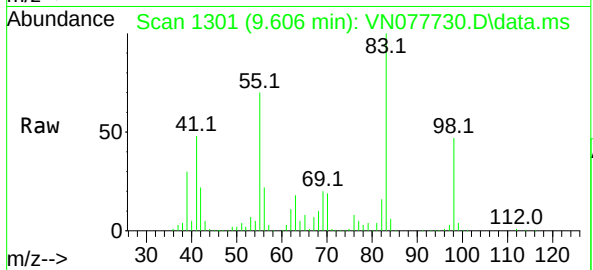
98 47.4 40.6 61.0

Manual Integrations

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Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/29/2023



#40

Benzene

Concen: 52.757 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN077730.D

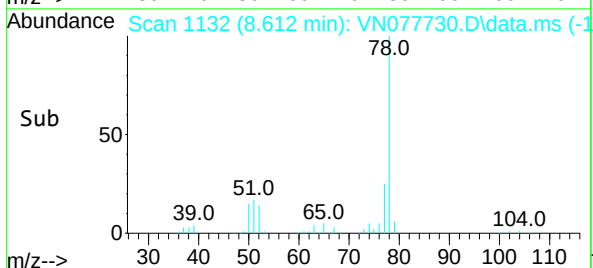
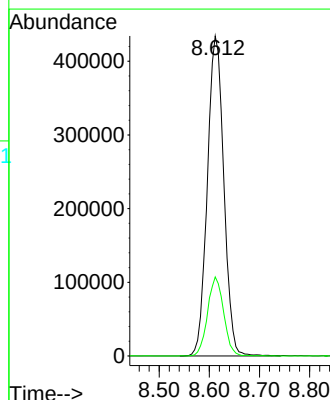
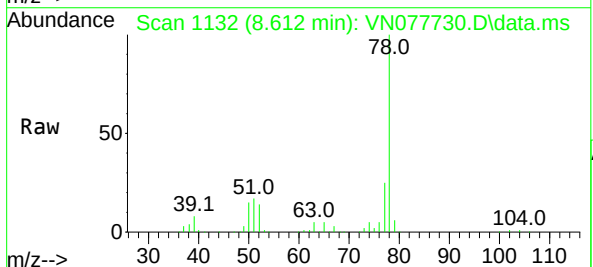
Acq: 18 May 2023 11:15

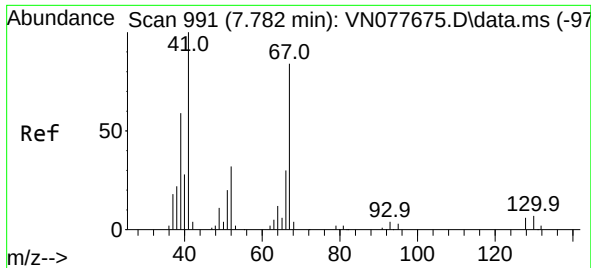
Tgt Ion: 78 Resp: 991174

Ion Ratio Lower Upper

78 100

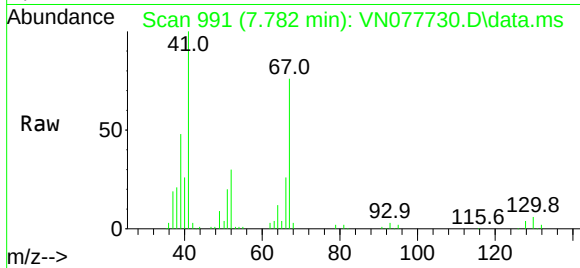
77 24.7 19.0 28.6





#41
Methacrylonitrile
Concen: 48.731 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

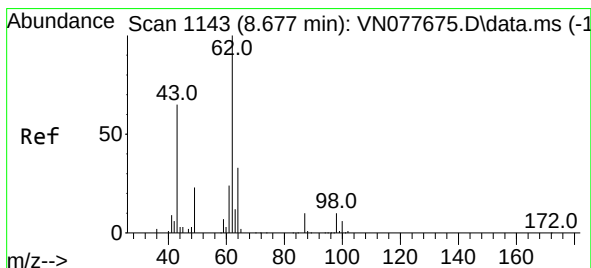
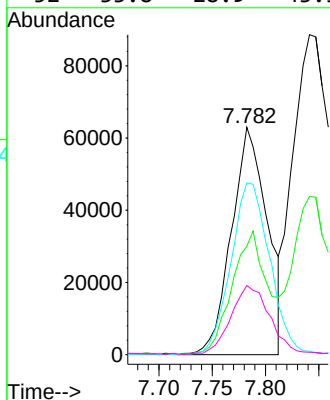
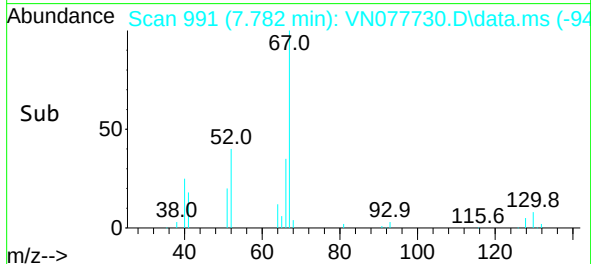
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



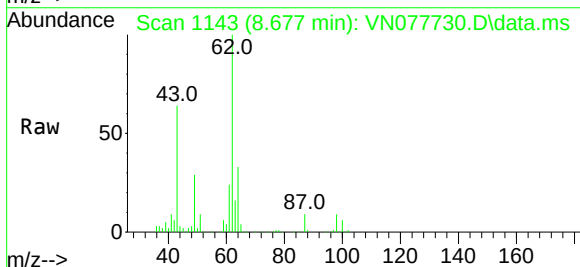
Tgt Ion: 41 Resp: 14726
Ion Ratio Lower Upper
41 100
39 54.1 42.6 64.0
67 82.1 77.5 116.3
52 33.8 28.9 43.3

Manual Integrations
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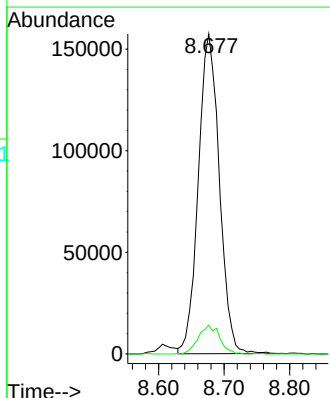
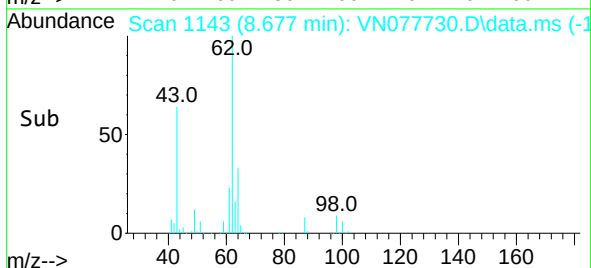
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/29/2023

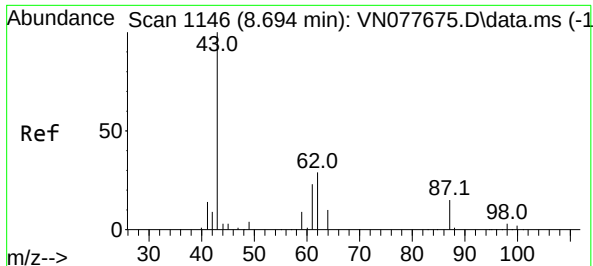


#42
1,2-Dichloroethane
Concen: 51.476 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15



Tgt Ion: 62 Resp: 351306
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.8





#43

Isopropyl Acetate

Concen: 49.710 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN077730.D

Acq: 18 May 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 46075

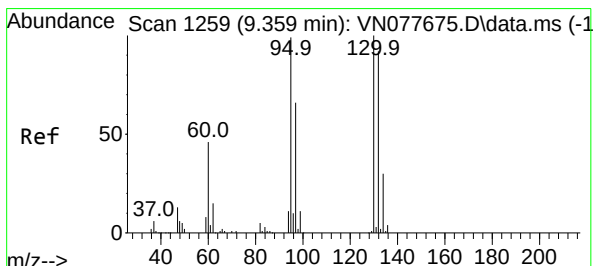
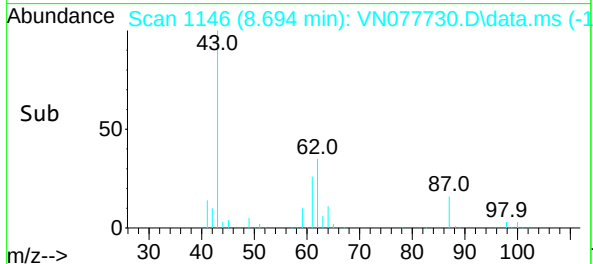
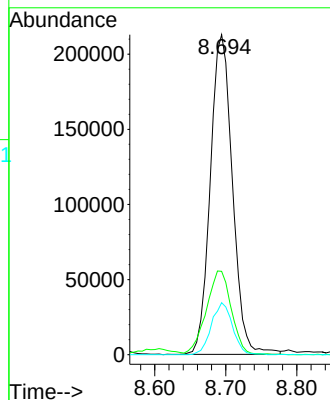
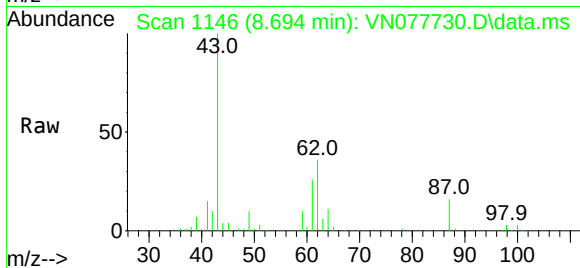
Ion	Ratio	Lower	Upper
43	100		
61	29.7	24.7	37.1
87	15.5	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/29/2023



#44

Trichloroethene

Concen: 55.391 ug/l

RT: 9.359 min Scan# 1259

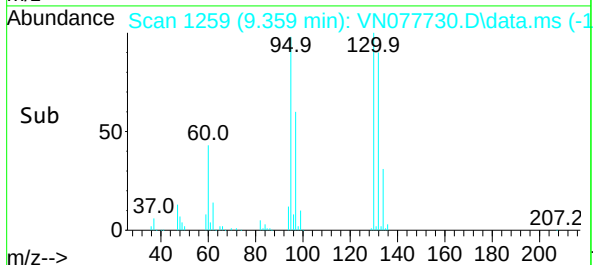
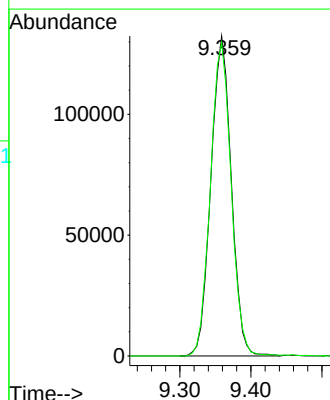
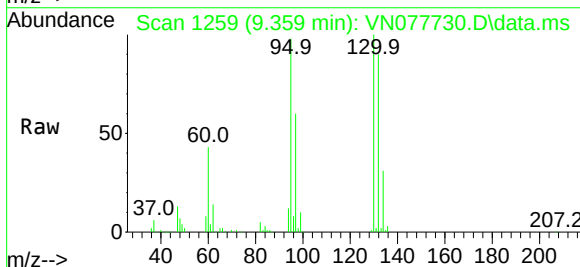
Delta R.T. -0.000 min

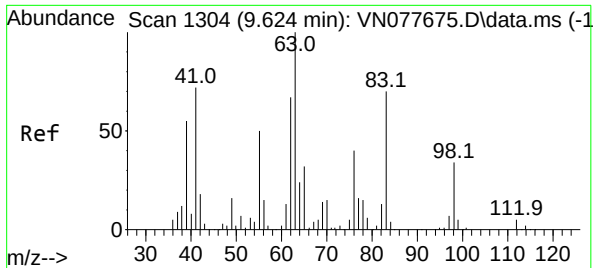
Lab File: VN077730.D

Acq: 18 May 2023 11:15

Tgt Ion:130 Resp: 263501

Ion	Ratio	Lower	Upper
130	100		
95	98.0	0.0	204.6





#45

1,2-Dichloropropane

Concen: 54.821 ug/l

RT: 9.629 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN077730.D

Acq: 18 May 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 262708

Ion Ratio Lower Upper

63 100

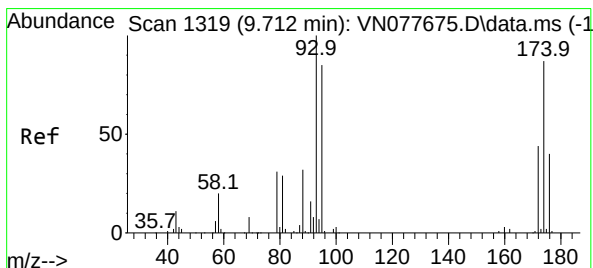
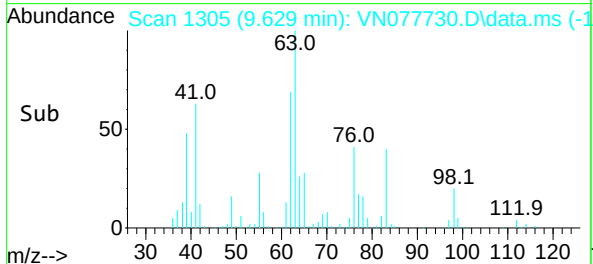
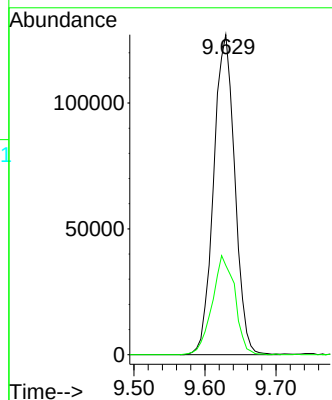
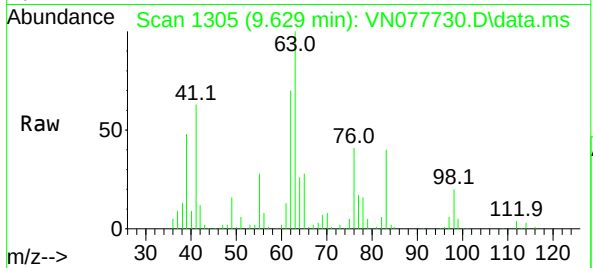
65 27.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/29/2023



#46

Dibromomethane

Concen: 53.088 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077730.D

Acq: 18 May 2023 11:15

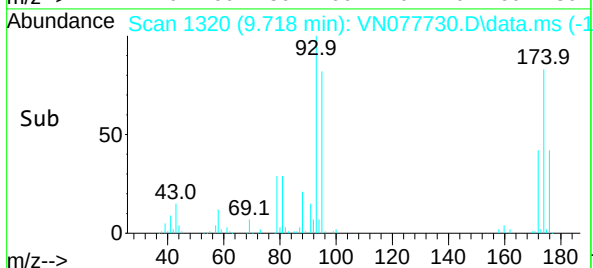
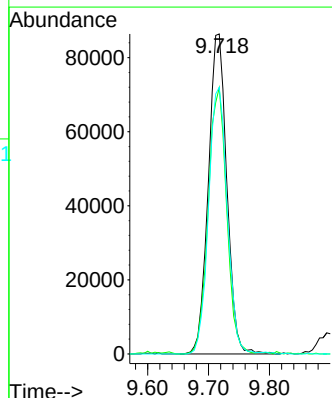
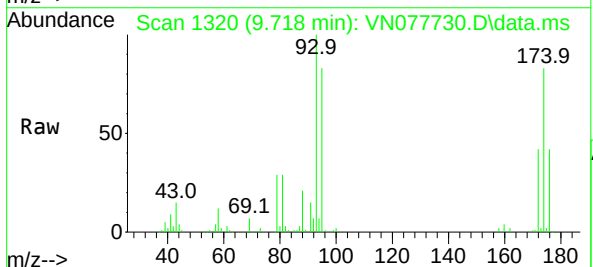
Tgt Ion: 93 Resp: 182043

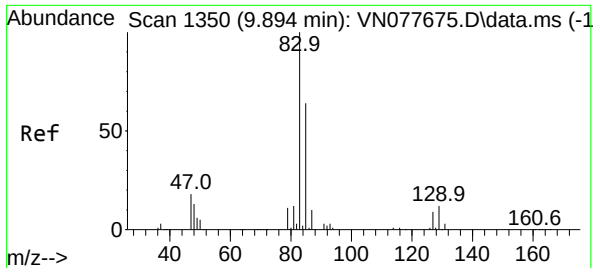
Ion Ratio Lower Upper

93 100

95 83.0 63.8 95.8

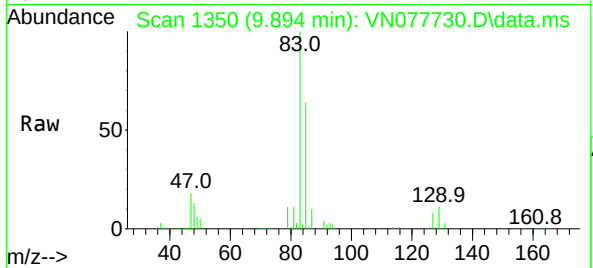
174 84.3 65.6 98.4





#47
Bromodichloromethane
Concen: 56.411 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

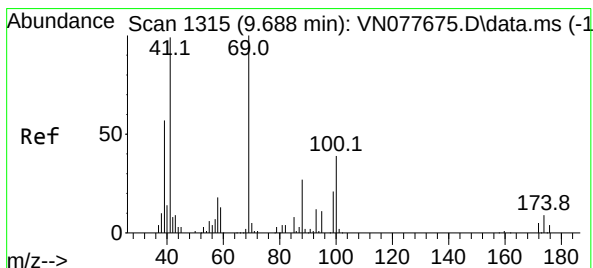
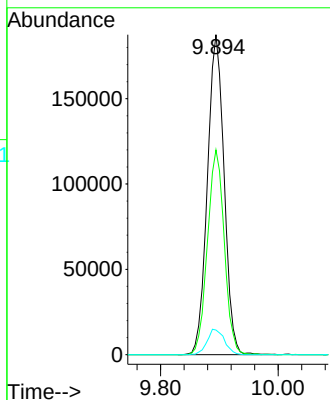
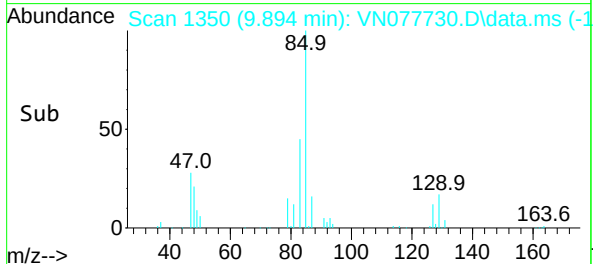
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



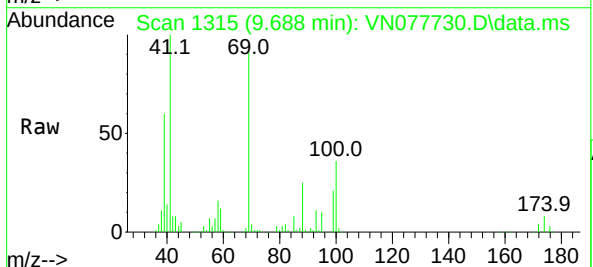
Tgt Ion: 83 Resp: 370342
Ion Ratio Lower Upper
83 100
85 64.0 49.6 74.4
127 7.7 7.0 10.6

Manual Integrations
APPROVED

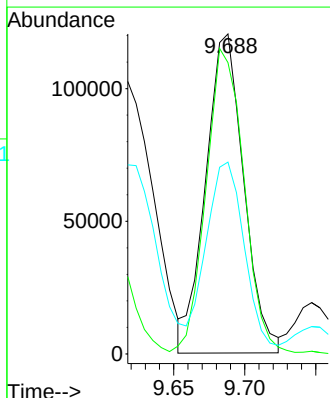
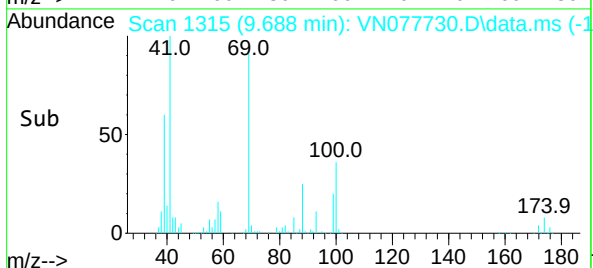
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/29/2023

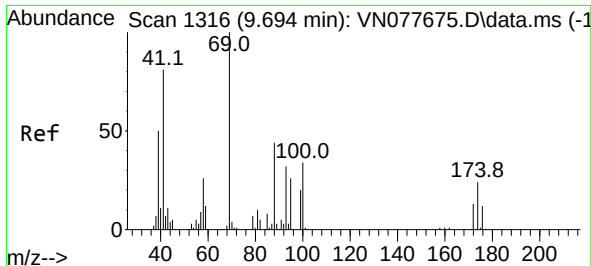


#48
Methyl methacrylate
Concen: 51.073 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15



Tgt Ion: 41 Resp: 224442
Ion Ratio Lower Upper
41 100
69 95.4 90.4 135.6
39 60.9 54.6 81.8





#49

1,4-Dioxane

Concen: 1019.067 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN077730.D

Acq: 18 May 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

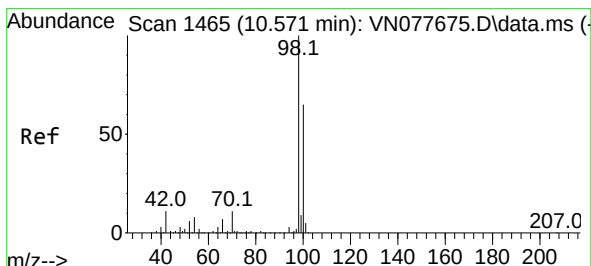
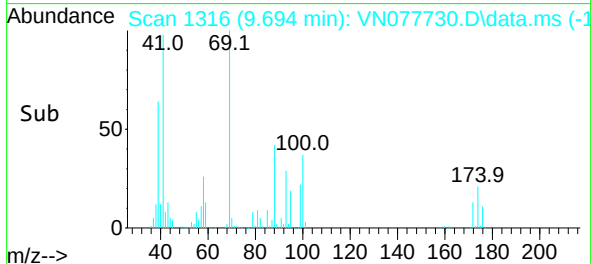
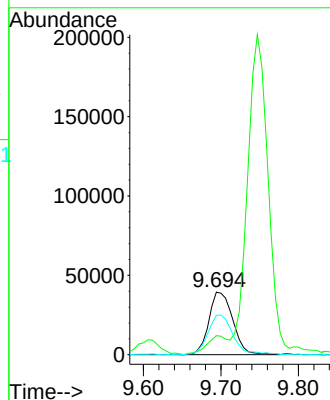
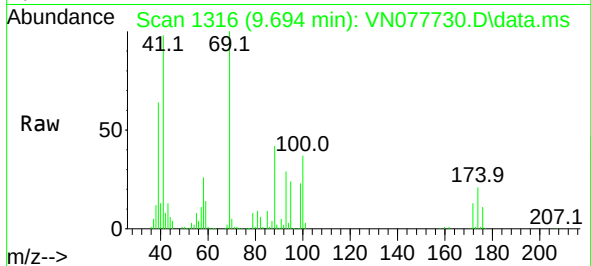
Tgt Ion:	88	Resp:	8458
Ion Ratio	Lower	Upper	
88	100		
43	27.9	17.0	25.6
58	66.8	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/29/2023



#50

Toluene-d8

Concen: 50.513 ug/l

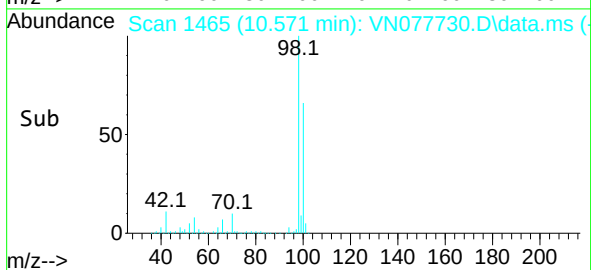
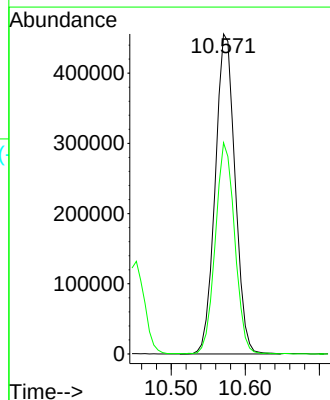
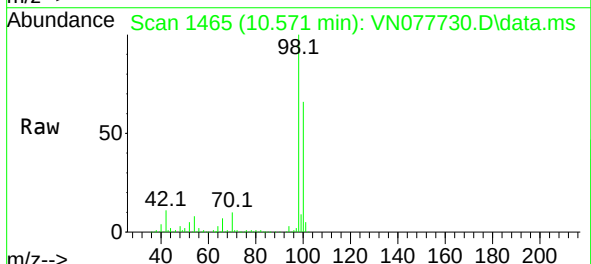
RT: 10.571 min Scan# 1465

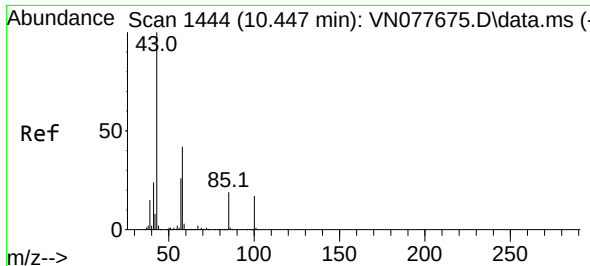
Delta R.T. -0.000 min

Lab File: VN077730.D

Acq: 18 May 2023 11:15

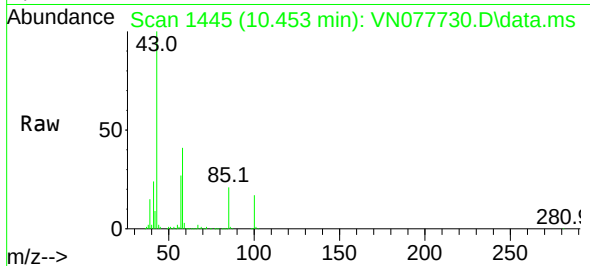
Tgt Ion:	98	Resp:	846298
Ion Ratio	Lower	Upper	
98	100		
100	64.3	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 246.351 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

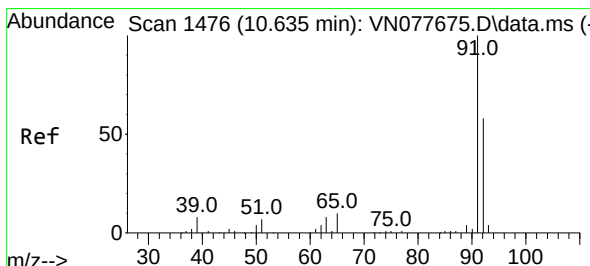
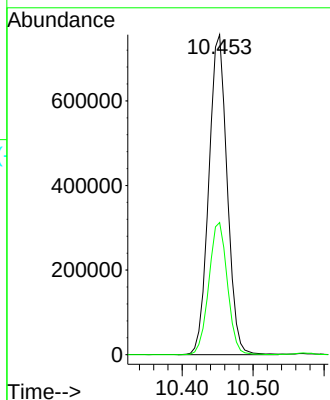
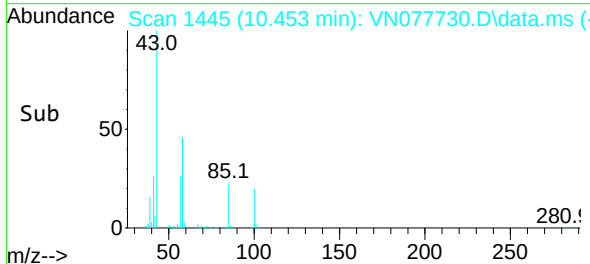
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



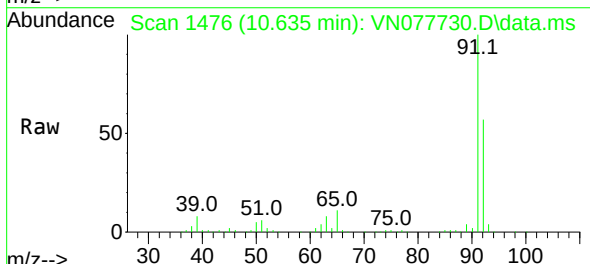
Tgt Ion: 43 Resp: 135726
Ion Ratio Lower Upper
43 100
58 41.7 36.6 54.8

Manual Integrations
APPROVED

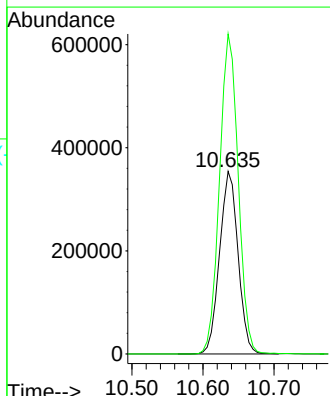
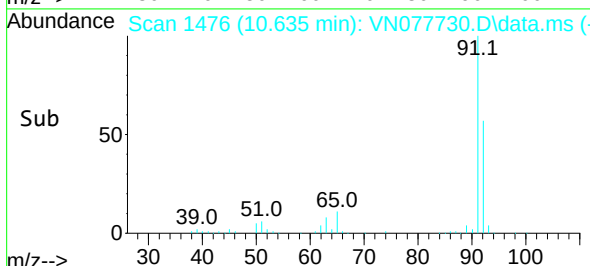
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/29/2023

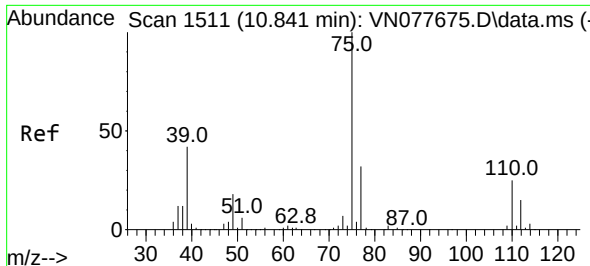


#52
Toluene
Concen: 54.574 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15



Tgt Ion: 92 Resp: 638303
Ion Ratio Lower Upper
92 100
91 176.9 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 57.118 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

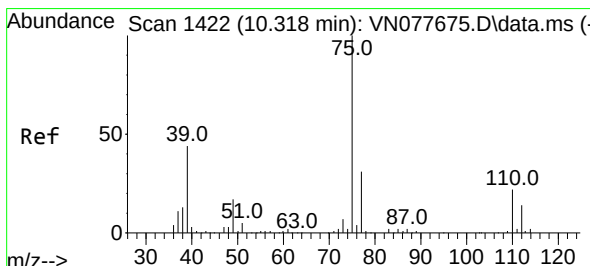
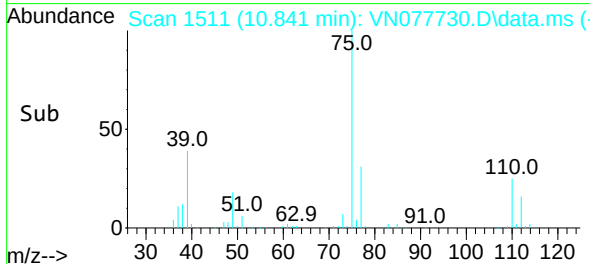
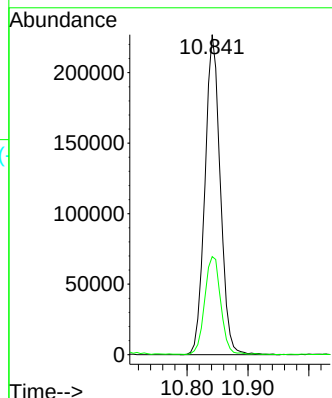
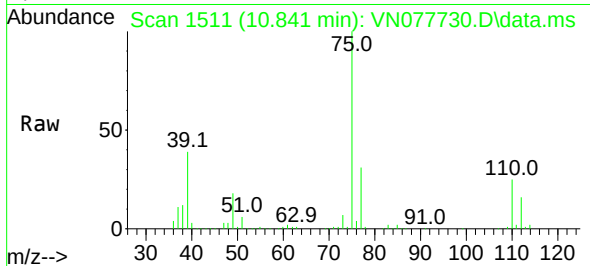
VSTDCCC050

Tgt Ion: 75 Resp: 397090
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.0

Manual Integrations

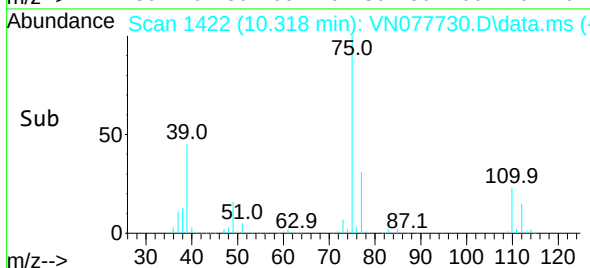
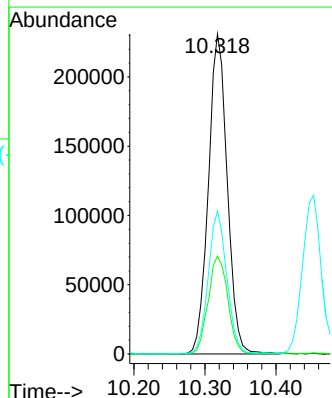
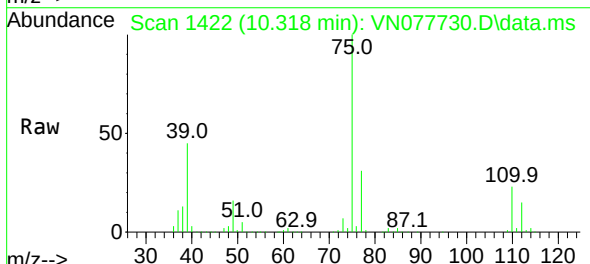
APPROVED

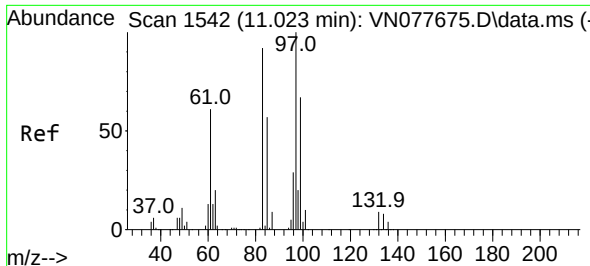
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/29/2023



#54
cis-1,3-Dichloropropene
Concen: 55.630 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

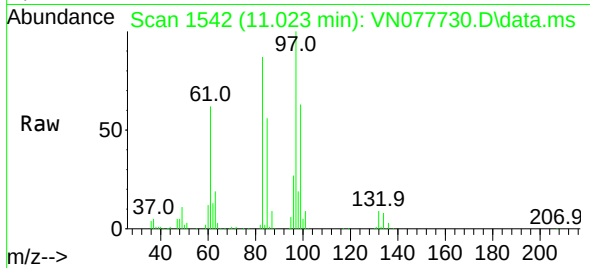
Tgt Ion: 75 Resp: 426200
Ion Ratio Lower Upper
75 100
77 30.6 26.1 39.1
39 44.7 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 54.671 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

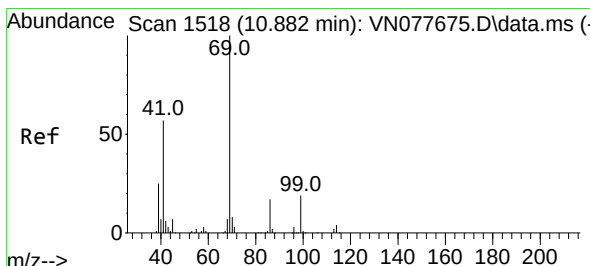
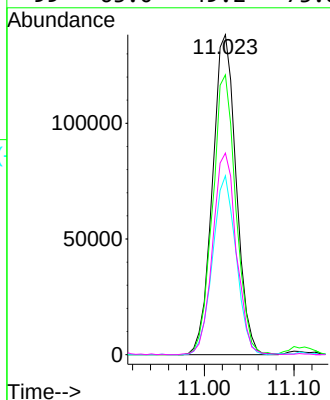
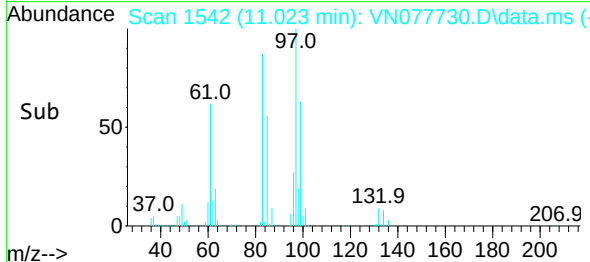
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



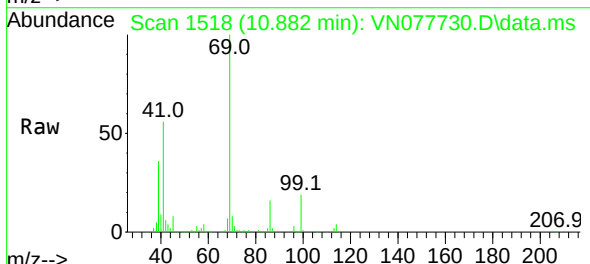
Tgt Ion:	97	Resp:	253890
Ion Ratio	100	Lower	Upper
97	100		
83	87.5	65.1	97.7
85	55.9	43.4	65.2
99	63.0	49.2	73.8

Manual Integrations
APPROVED

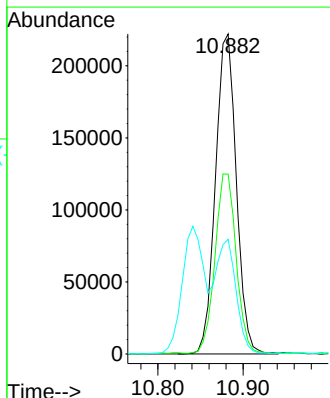
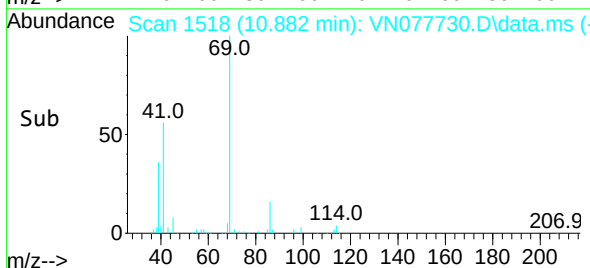
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/29/2023

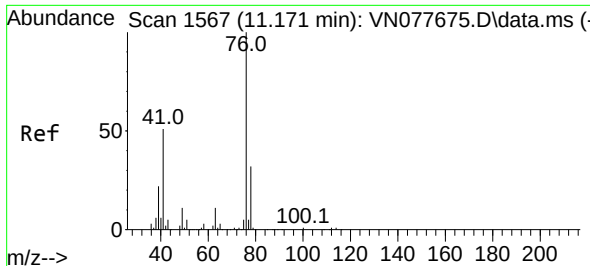


#56
Ethyl methacrylate
Concen: 53.729 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15



Tgt Ion:	69	Resp:	377277
Ion Ratio	100	Lower	Upper
69	100		
41	57.0	39.6	59.4
39	36.1	28.6	43.0





#57

1,3-Dichloropropane

Concen: 54.193 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.001 min

Lab File: VN077730.D

Acq: 18 May 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 43145

Ion Ratio Lower Upper

76 100

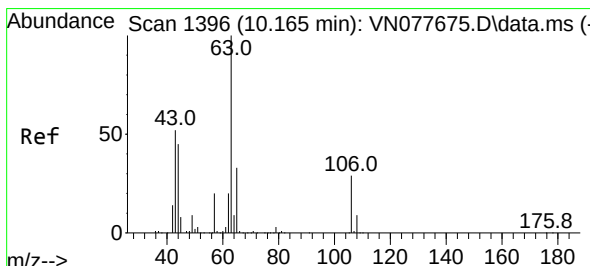
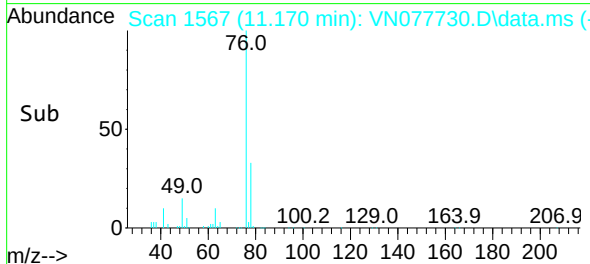
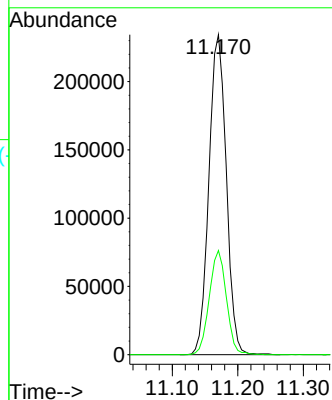
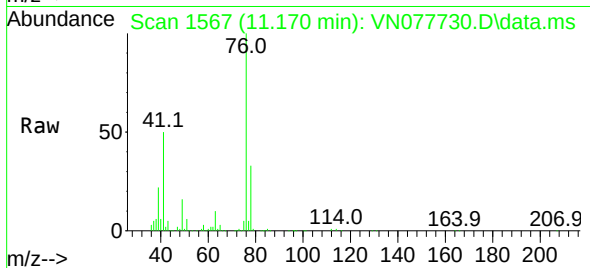
78 32.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/29/2023



#58

2-Chloroethyl Vinyl ether

Concen: 248.499 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077730.D

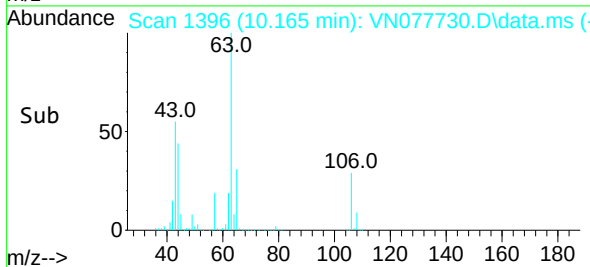
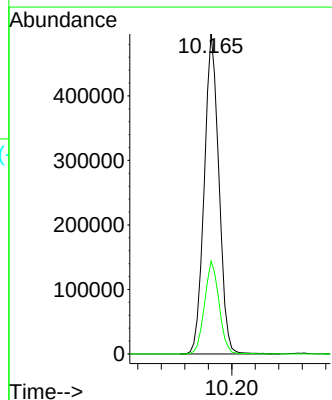
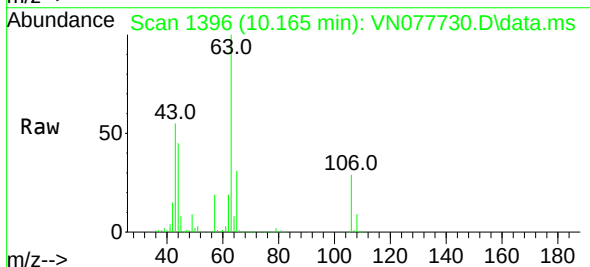
Acq: 18 May 2023 11:15

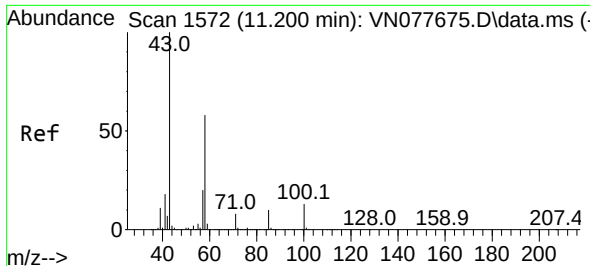
Tgt Ion: 63 Resp: 858427

Ion Ratio Lower Upper

63 100

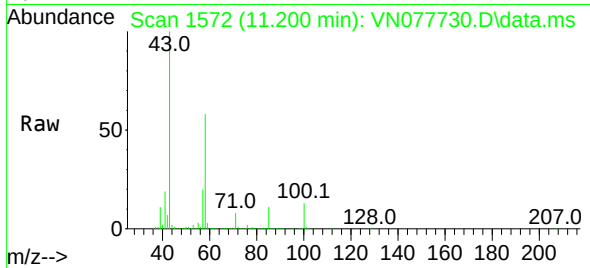
106 28.8 26.2 39.4





#59
2-Hexanone
Concen: 235.774 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

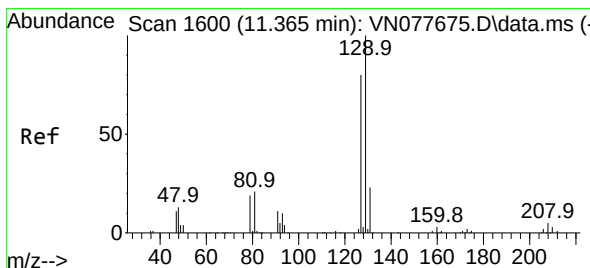
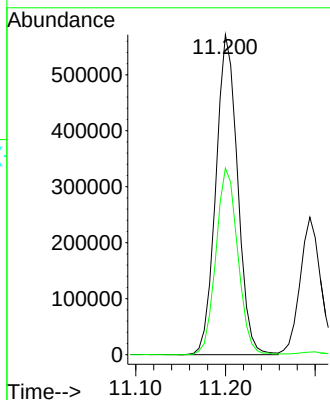
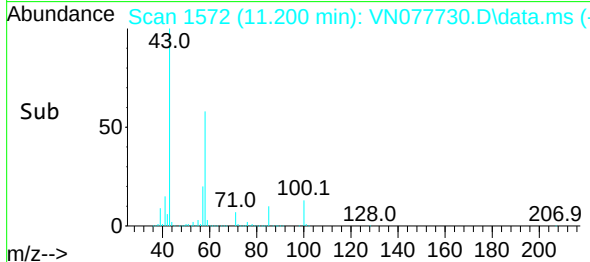
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 96081
Ion Ratio Lower Upper
43 100
58 58.6 31.7 95.1

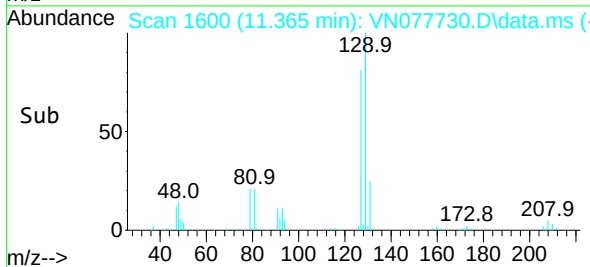
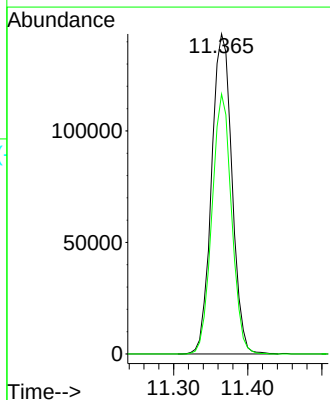
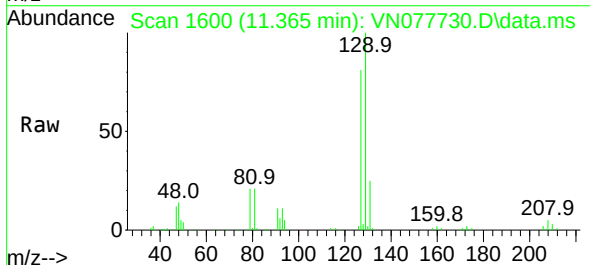
Manual Integrations
APPROVED

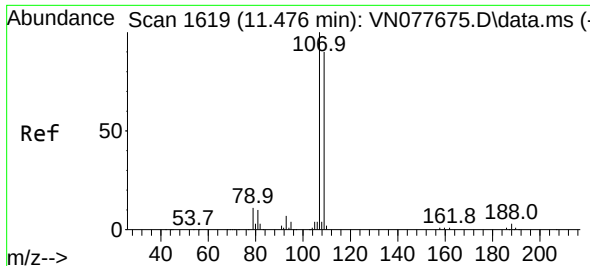
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/29/2023



#60
Dibromochloromethane
Concen: 57.180 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

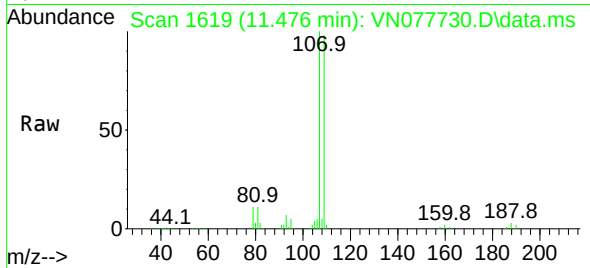
Tgt Ion:129 Resp: 274136
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 55.475 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

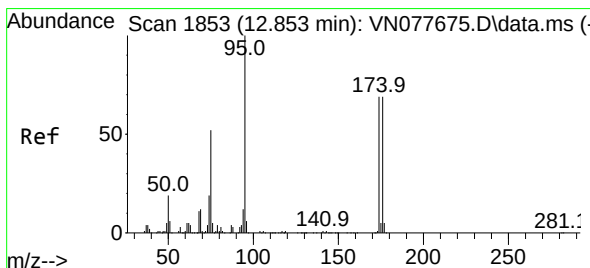
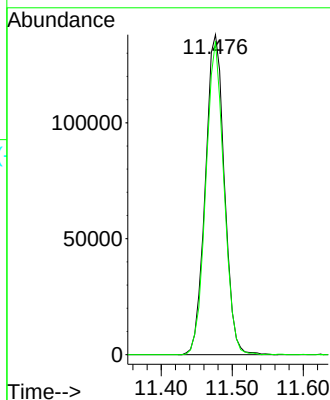
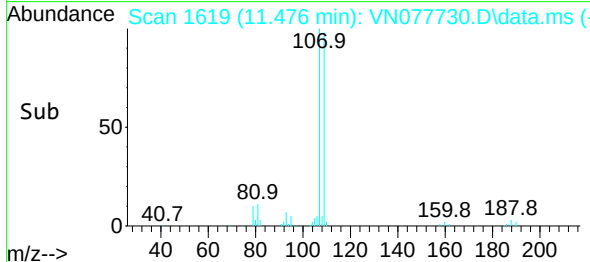
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



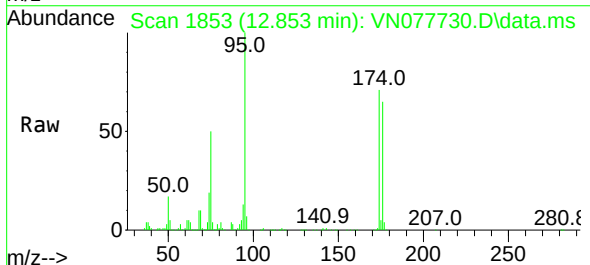
Tgt Ion:107 Resp: 257010
Ion Ratio Lower Upper
107 100
109 93.4 76.6 114.8

Manual Integrations
APPROVED

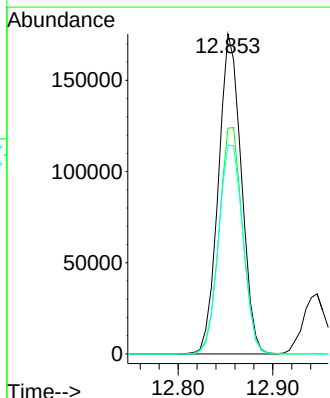
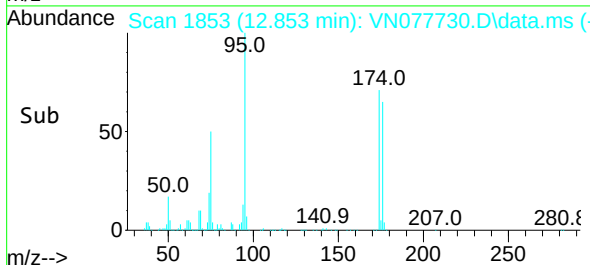
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/29/2023

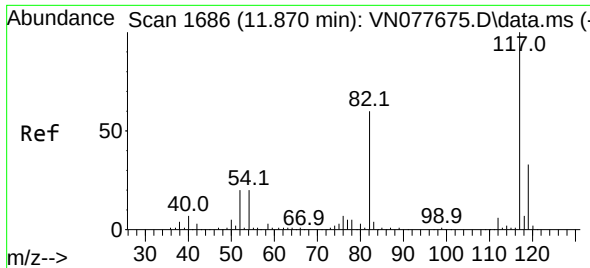


#62
4-Bromofluorobenzene
Concen: 49.886 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15



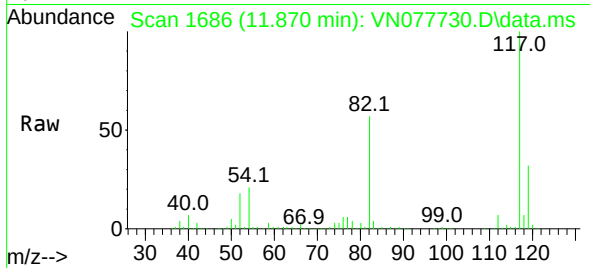
Tgt Ion: 95 Resp: 295180
Ion Ratio Lower Upper
95 100
174 72.2 0.0 143.8
176 69.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

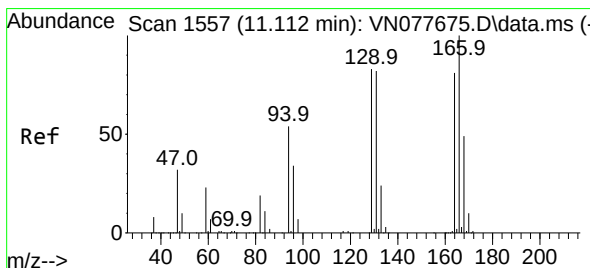
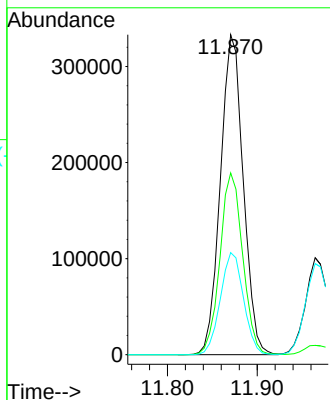
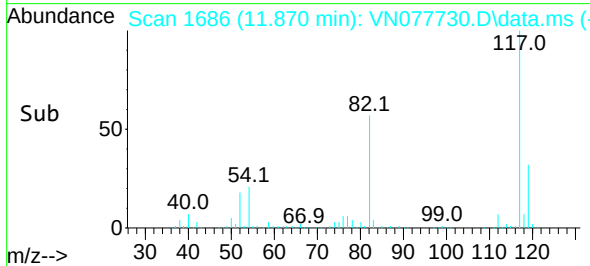
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



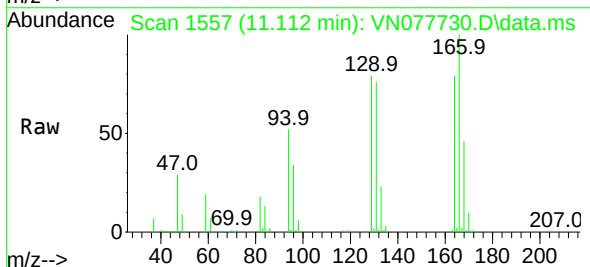
Tgt Ion:117 Resp: 588944
Ion Ratio Lower Upper
117 100
82 56.8 44.0 66.0
119 31.9 25.6 38.4

Manual Integrations
APPROVED

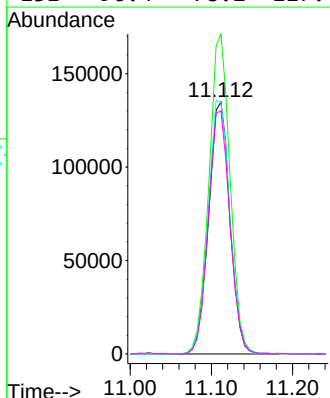
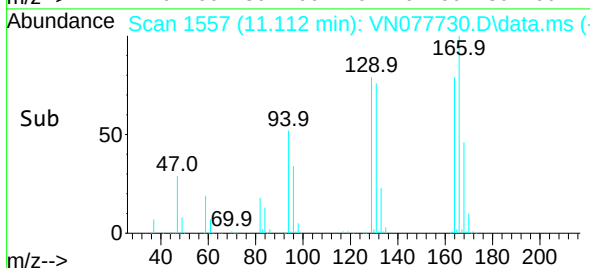
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/29/2023

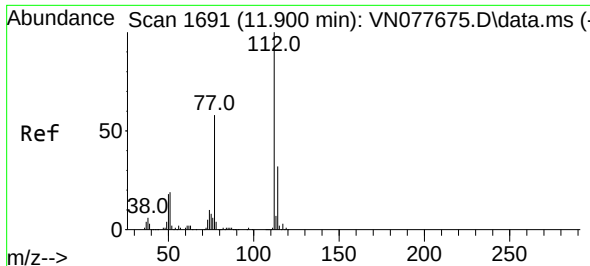


#64
Tetrachloroethene
Concen: 59.575 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15



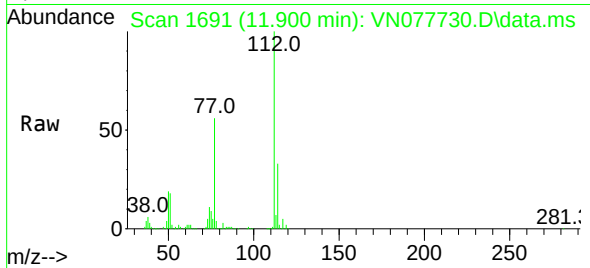
Tgt Ion:164 Resp: 245368
Ion Ratio Lower Upper
164 100
166 127.0 101.4 152.0
129 99.7 82.4 123.6
131 96.4 78.2 117.4





#65
Chlorobenzene
Concen: 54.162 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

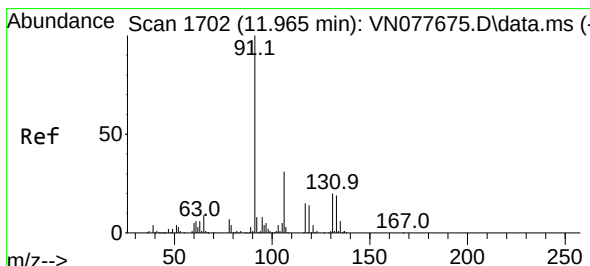
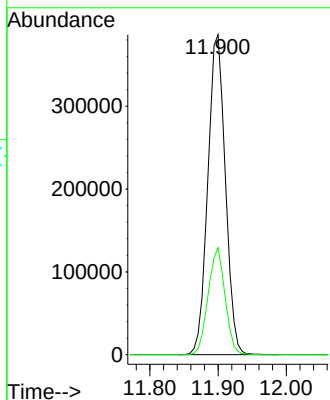
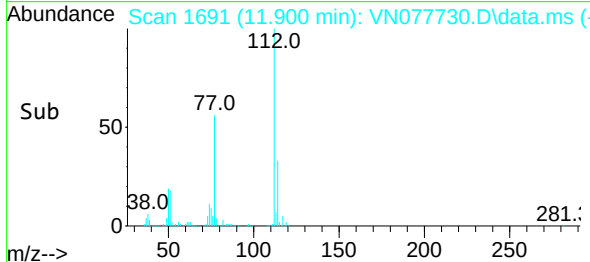
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 69152
Ion Ratio Lower Upper
112 100
114 33.4 25.0 37.4

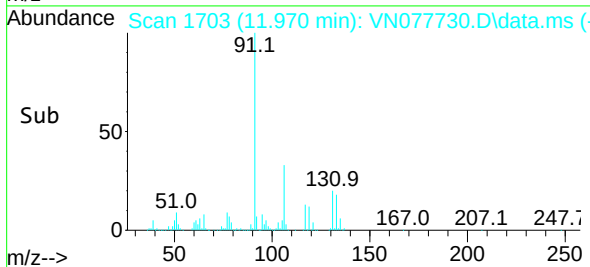
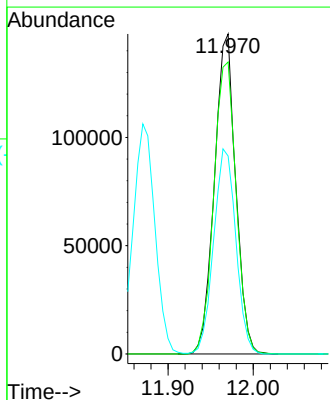
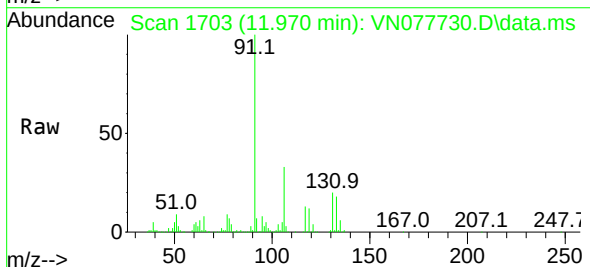
Manual Integrations
APPROVED

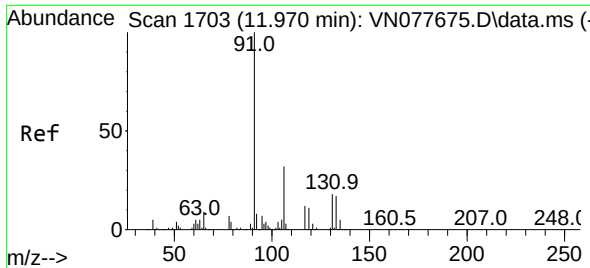
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/29/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 58.062 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.005 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

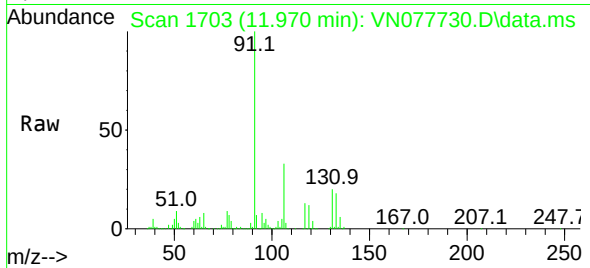
Tgt Ion:131 Resp: 256503
Ion Ratio Lower Upper
131 100
133 96.1 46.4 139.1
119 67.0 34.1 102.2





#67
Ethyl Benzene
Concen: 54.303 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

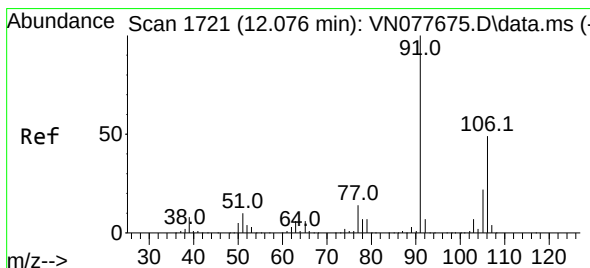
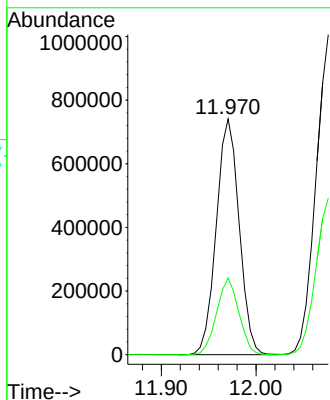
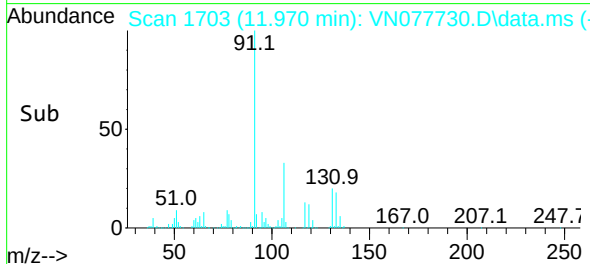
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 1242464
Ion Ratio Lower Upper
91 100
106 32.5 25.6 38.4

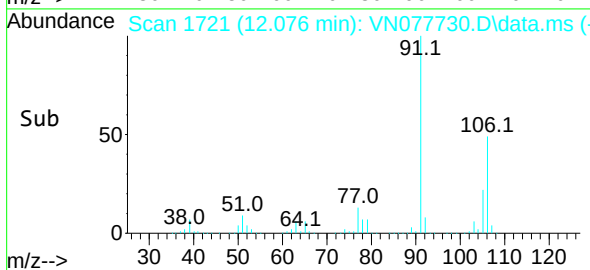
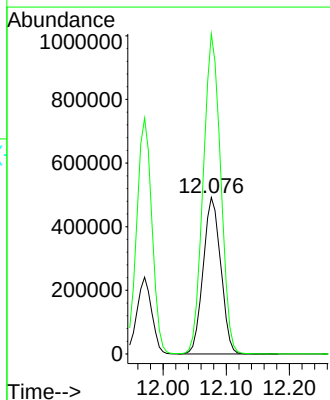
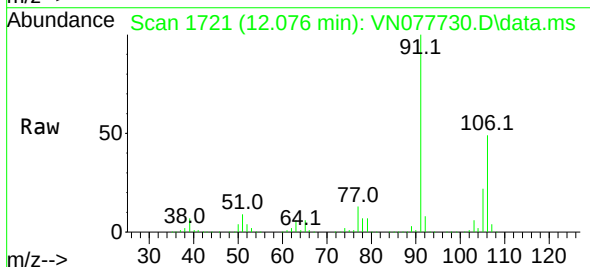
Manual Integrations
APPROVED

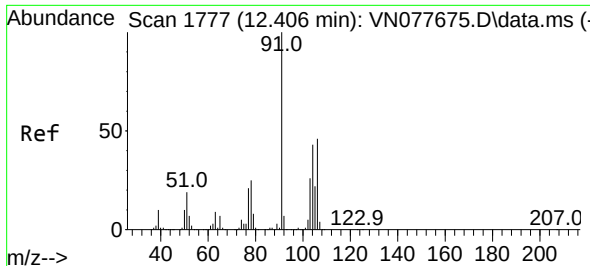
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/29/2023



#68
m/p-Xylenes
Concen: 109.546 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

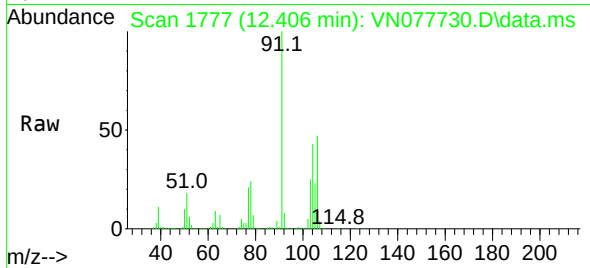
Tgt Ion:106 Resp: 949710
Ion Ratio Lower Upper
106 100
91 202.9 159.6 239.4





#69
o-Xylene
Concen: 56.020 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

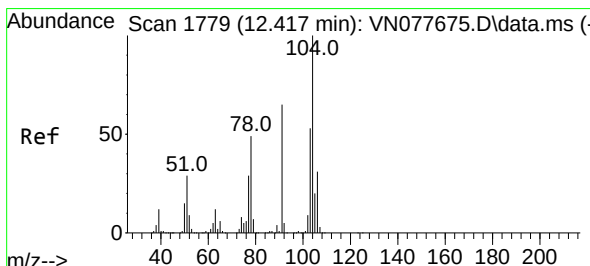
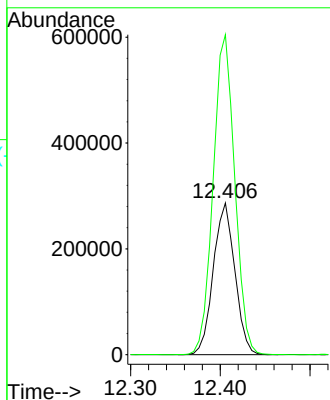
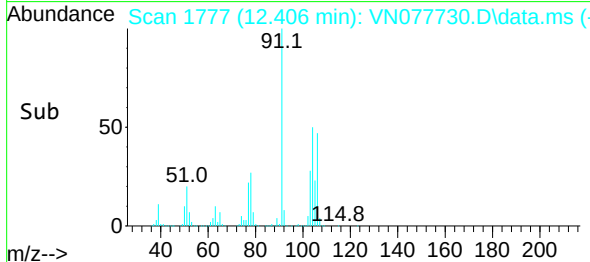
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 47762
Ion Ratio Lower Upper
106 100
91 211.7 105.2 315.5

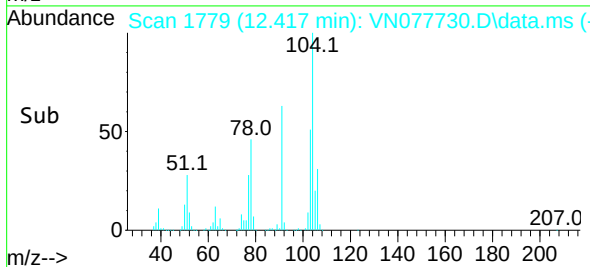
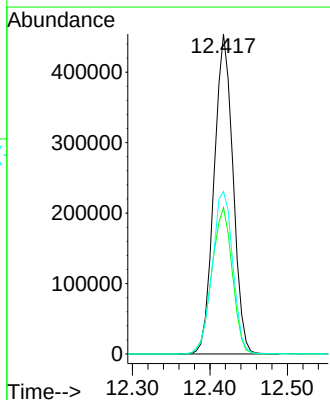
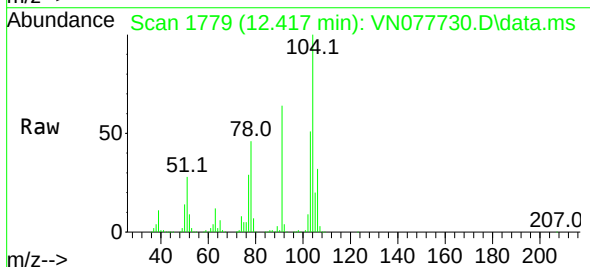
Manual Integrations
APPROVED

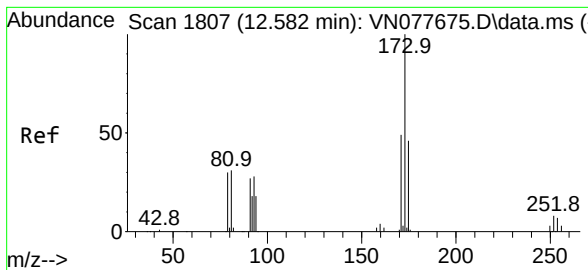
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/29/2023



#70
Styrene
Concen: 56.874 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

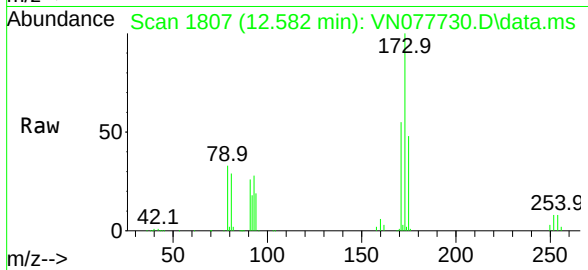
Tgt Ion:104 Resp: 770309
Ion Ratio Lower Upper
104 100
78 49.5 39.5 59.3
103 55.3 43.2 64.8





#71
Bromoform
Concen: 59.056 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

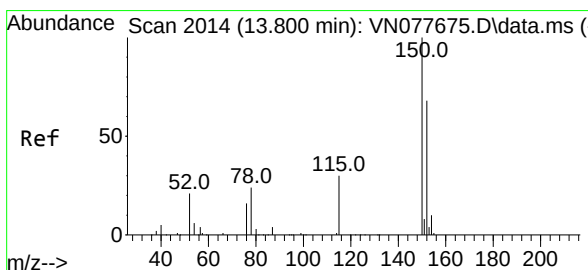
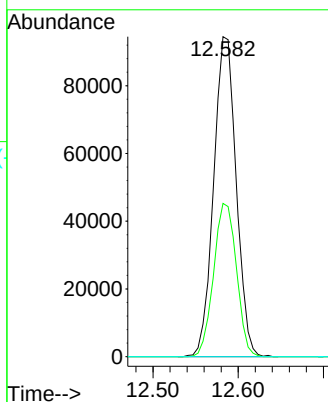
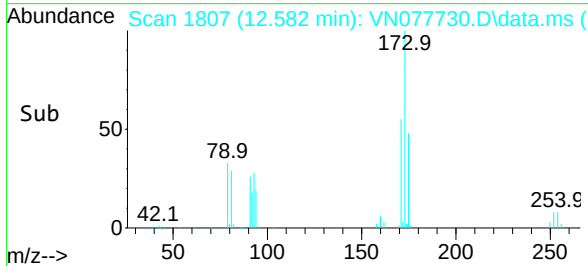
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



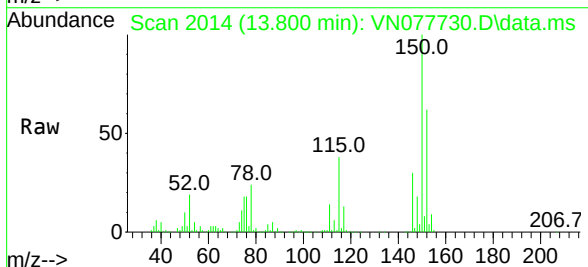
Tgt Ion:173 Resp: 17355
Ion Ratio Lower Upper
173 100
175 48.5 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

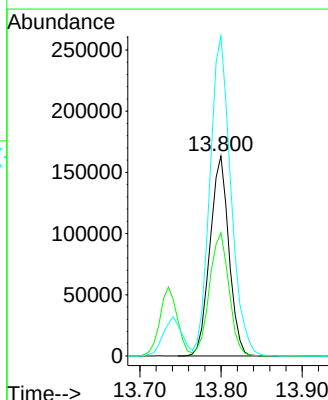
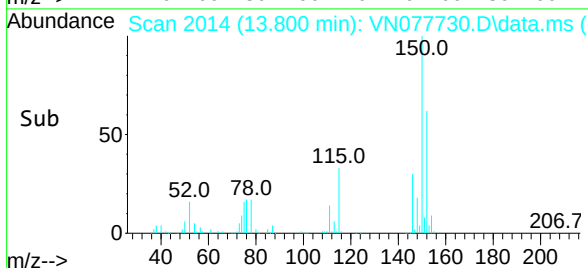
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/29/2023

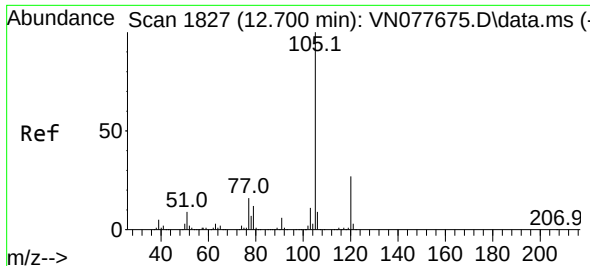


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15



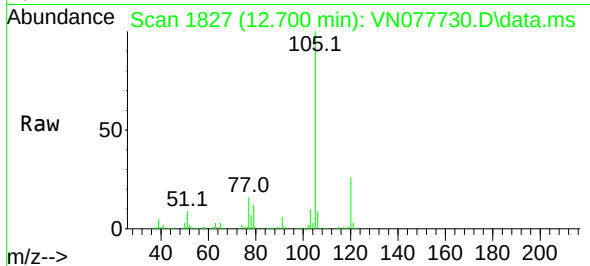
Tgt Ion:152 Resp: 264309
Ion Ratio Lower Upper
152 100
115 63.4 32.3 96.8
150 177.1 0.0 355.8





#73
Isopropylbenzene
Concen: 54.141 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

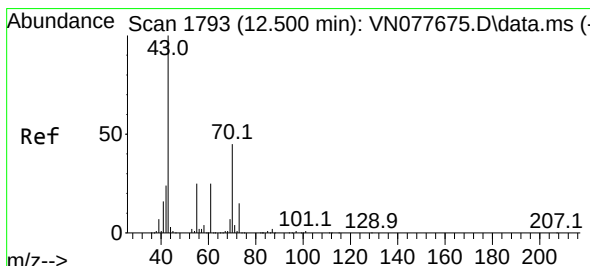
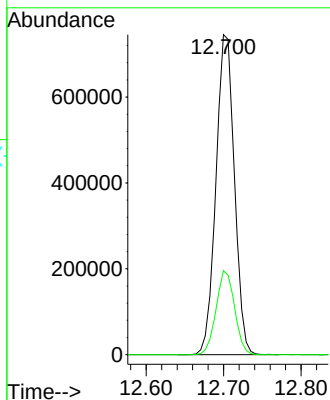
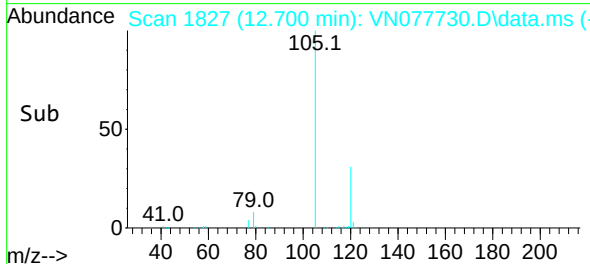
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 123353
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1

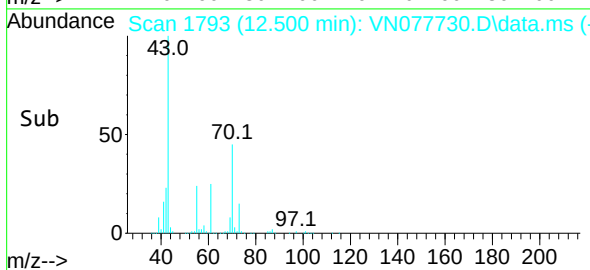
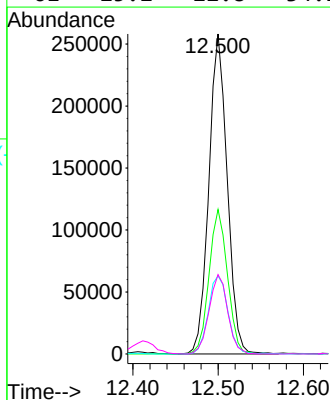
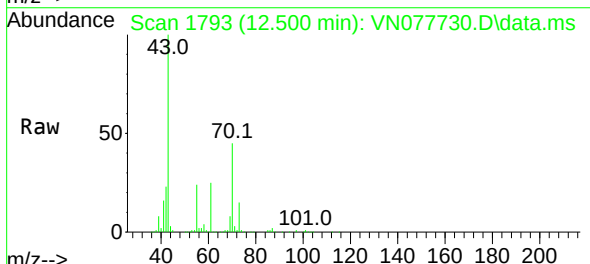
Manual Integrations
APPROVED

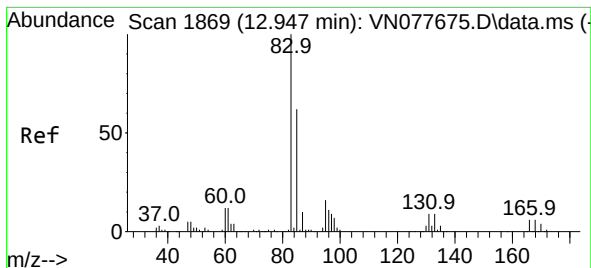
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/29/2023



#74
N-ethyl acetate
Concen: 45.906 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

Tgt Ion: 43 Resp: 386592
Ion Ratio Lower Upper
43 100
70 45.3 43.4 65.2
55 26.0 21.4 32.0
61 25.2 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 47.580 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.006 min

Lab File: VN077730.D

Acq: 18 May 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

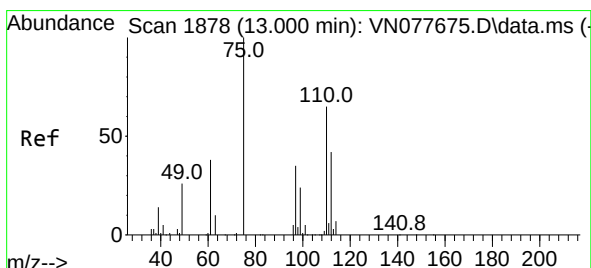
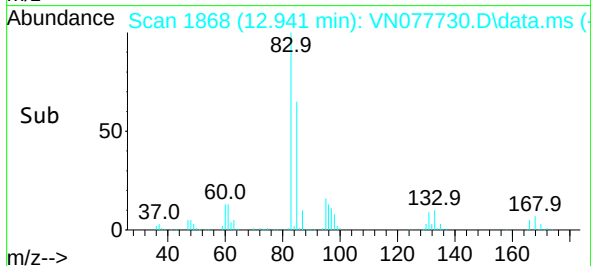
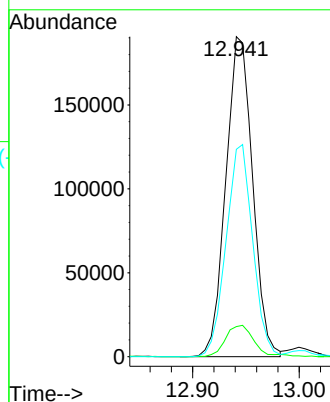
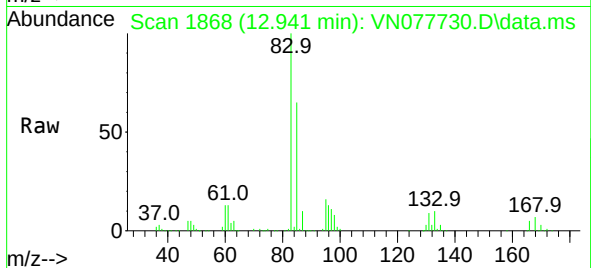
Tgt Ion: 83 Resp: 333489
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.0 15.0
 85 65.8 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/29/2023



#76

1,2,3-Trichloropropane

Concen: 49.650 ug/l m

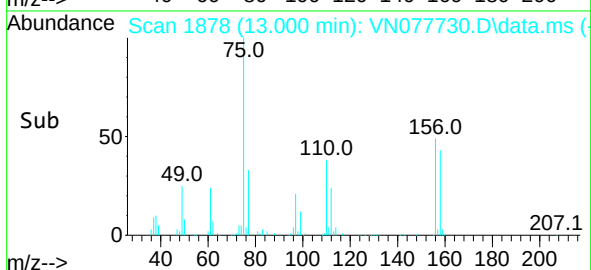
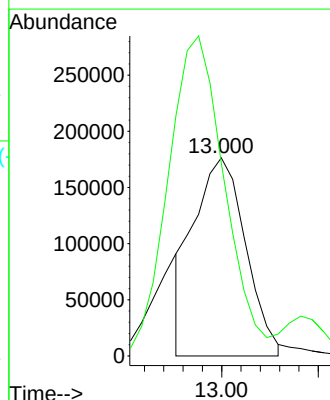
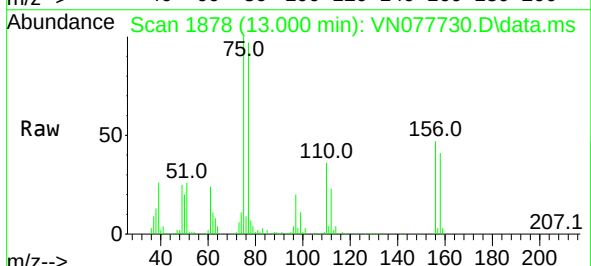
RT: 13.000 min Scan# 1878

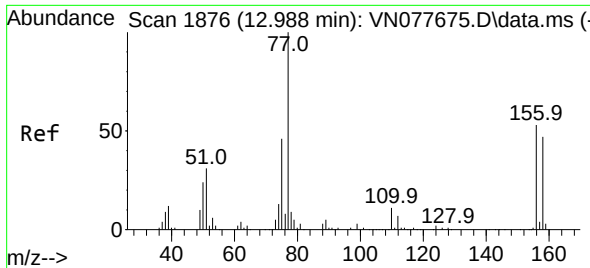
Delta R.T. -0.000 min

Lab File: VN077730.D

Acq: 18 May 2023 11:15

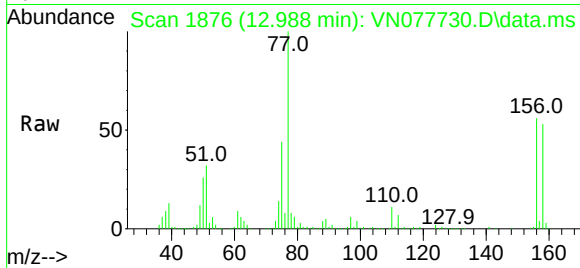
Tgt Ion: 75 Resp: 328645
 Ion Ratio Lower Upper
 75 100
 77 175.4 84.5 253.5





#77
Bromobenzene
Concen: 52.914 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

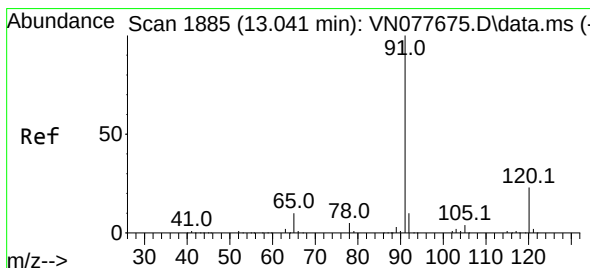
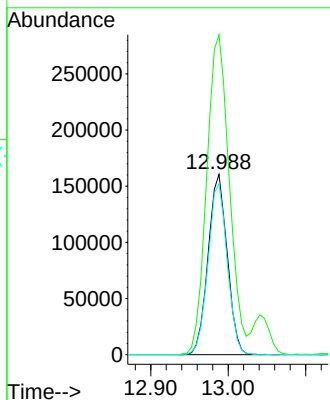
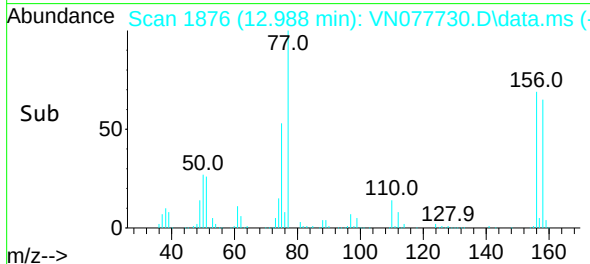
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



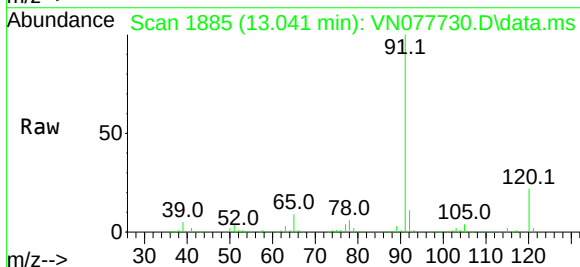
Tgt Ion:156 Resp: 275118
Ion Ratio Lower Upper
156 100
77 209.5 107.7 323.3
158 94.9 48.4 145.3

Manual Integrations
APPROVED

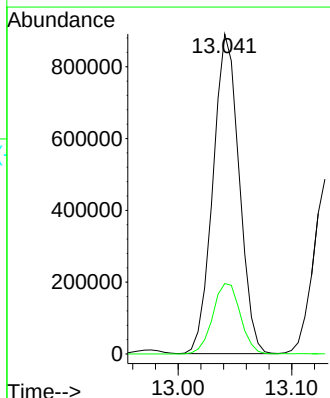
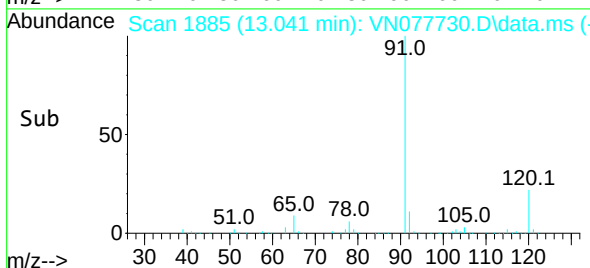
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/29/2023

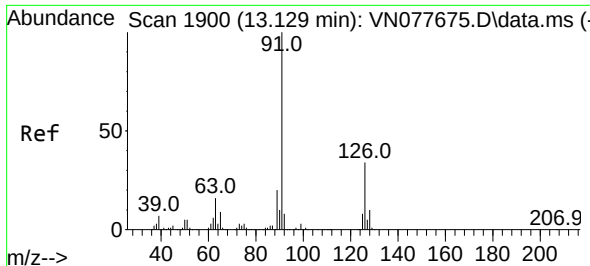


#78
n-propylbenzene
Concen: 53.138 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15



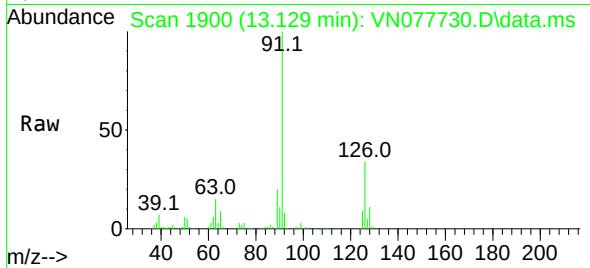
Tgt Ion: 91 Resp: 1427294
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4





#79
2-Chlorotoluene
Concen: 53.135 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

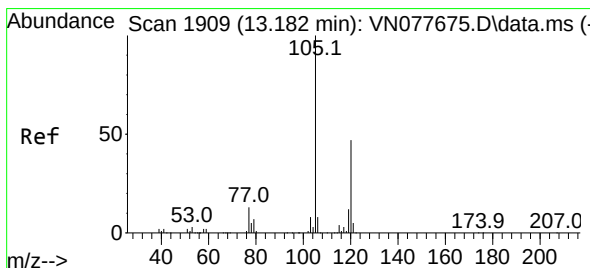
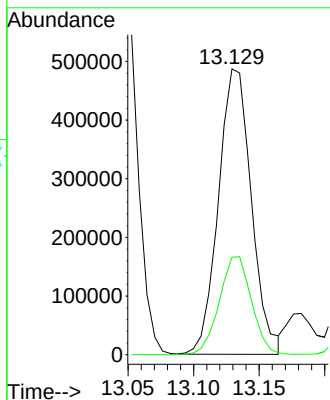
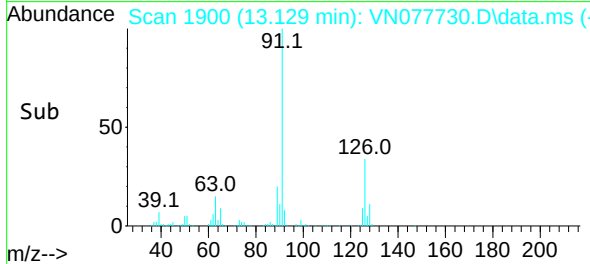
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



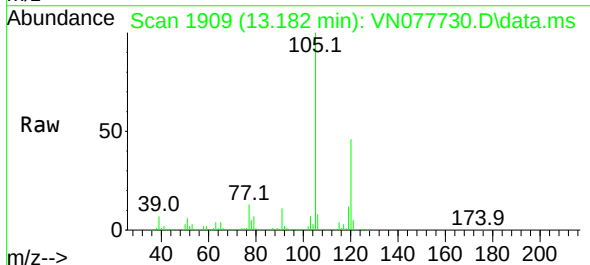
Tgt Ion: 91 Resp: 851649
Ion Ratio Lower Upper
91 100
126 33.6 16.3 48.8

Manual Integrations
APPROVED

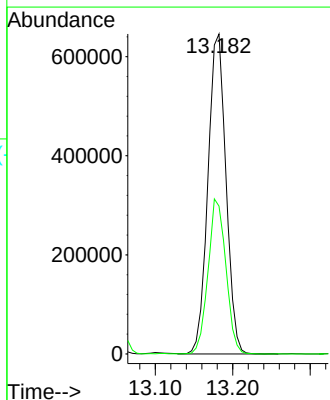
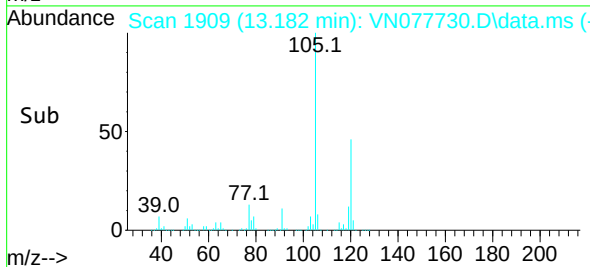
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/29/2023

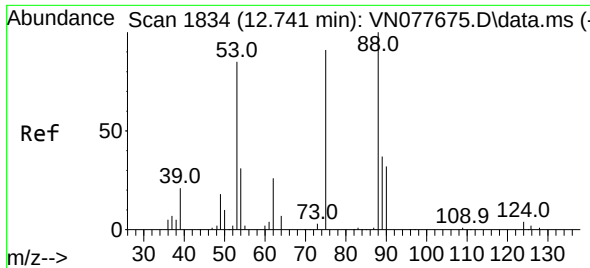


#80
1,3,5-Trimethylbenzene
Concen: 54.515 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15



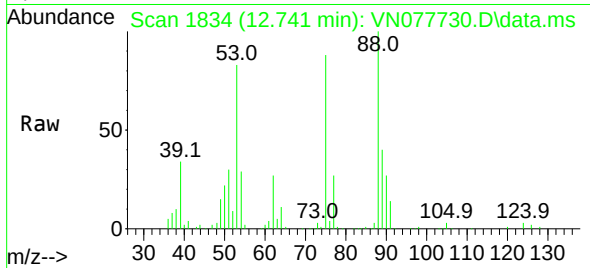
Tgt Ion:105 Resp: 1043898
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 51.575 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

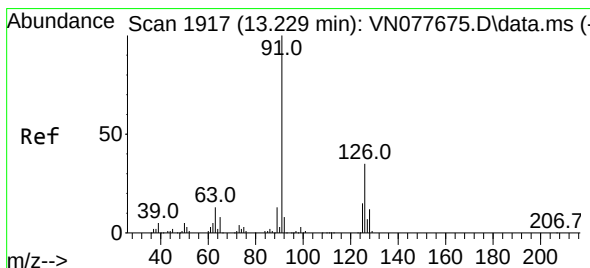
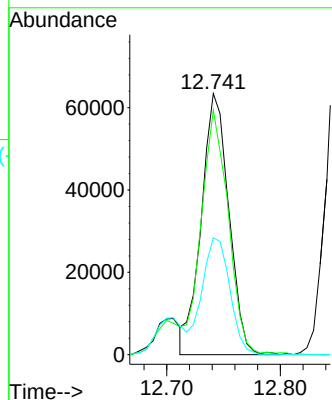
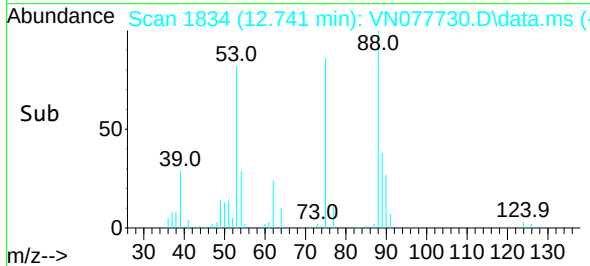
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



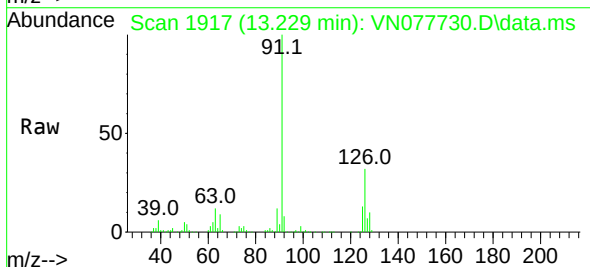
Tgt Ion: 75 Resp: 106799
Ion Ratio Lower Upper
75 100
53 93.2 67.4 101.2
89 45.1 38.8 58.2

Manual Integrations
APPROVED

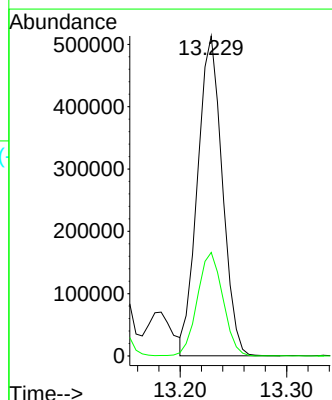
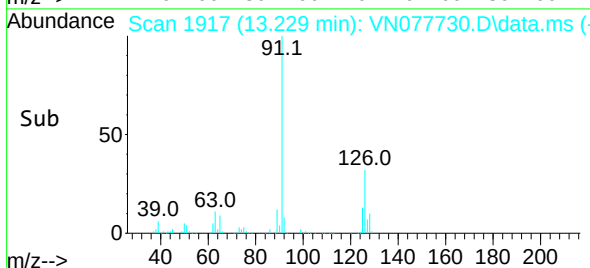
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/29/2023

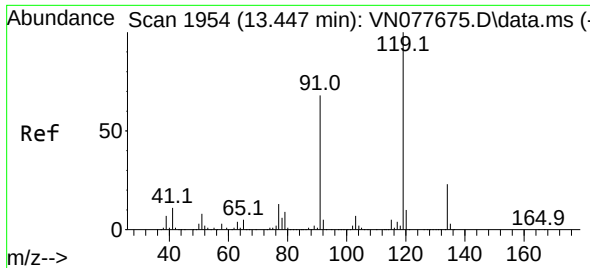


#82
4-Chlorotoluene
Concen: 51.912 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15



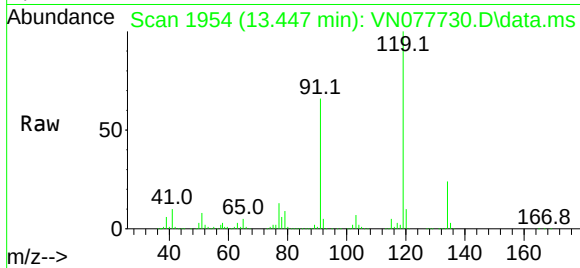
Tgt Ion: 91 Resp: 827850
Ion Ratio Lower Upper
91 100
126 33.3 16.7 50.0





#83
 tert-Butylbenzene
 Concen: 54.085 ug/l
 RT: 13.447 min Scan# 1954
 Delta R.T. -0.000 min
 Lab File: VN077730.D
 Acq: 18 May 2023 11:15

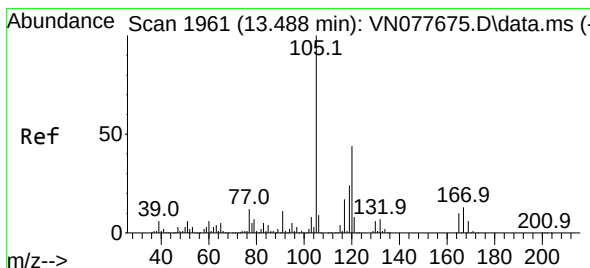
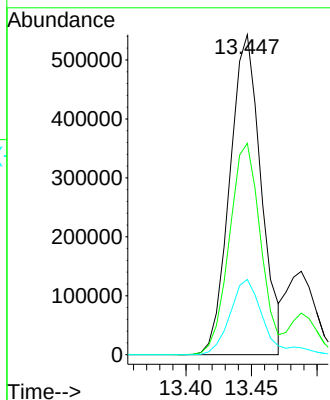
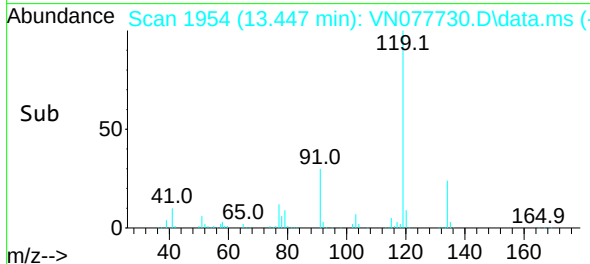
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



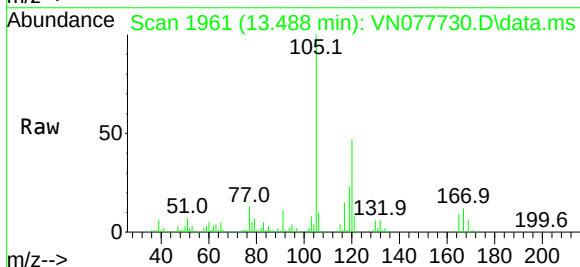
Tgt Ion:119 Resp: 90412
 Ion Ratio Lower Upper
 119 100
 91 65.7 33.9 101.7
 134 25.2 13.2 39.6

Manual Integrations
 APPROVED

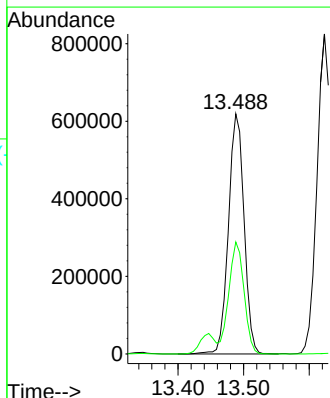
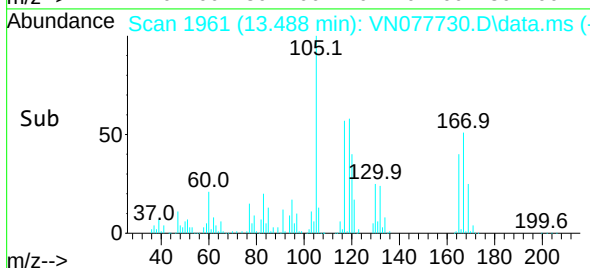
Reviewed By :John Carlone 05/19/2023
 Supervised By :Mahesh Dadoda 05/29/2023

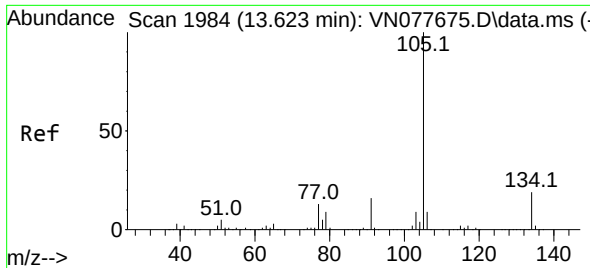


#84
 1,2,4-Trimethylbenzene
 Concen: 54.383 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. -0.000 min
 Lab File: VN077730.D
 Acq: 18 May 2023 11:15



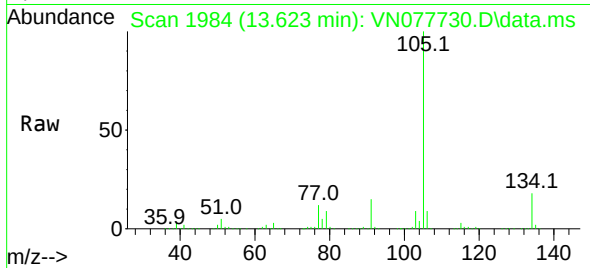
Tgt Ion:105 Resp: 1024162
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 54.553 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077730.D
 Acq: 18 May 2023 11:15

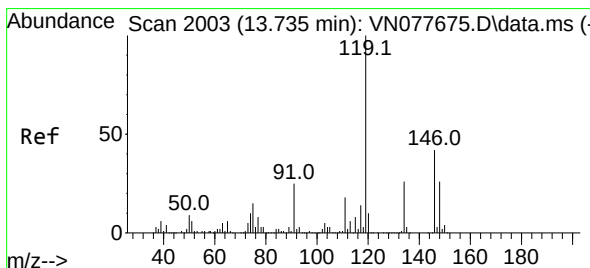
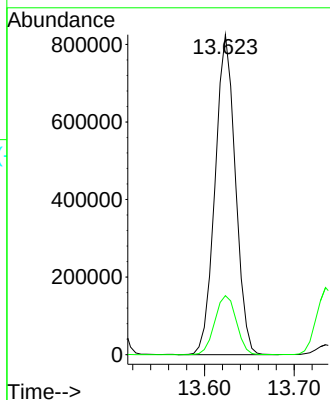
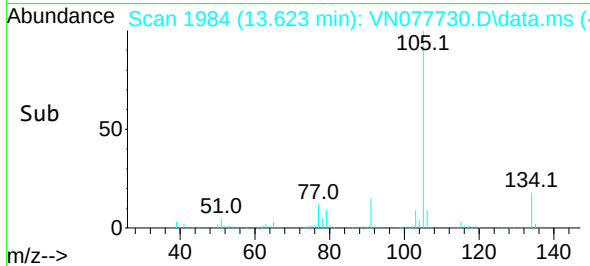
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



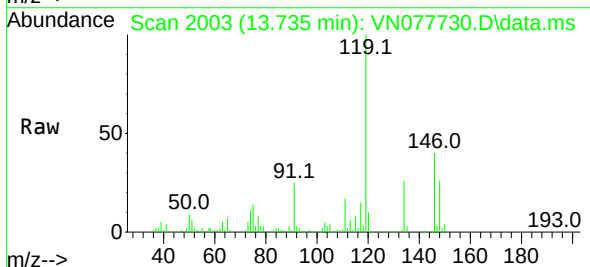
Tgt Ion:105 Resp: 129603
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

Manual Integrations
 APPROVED

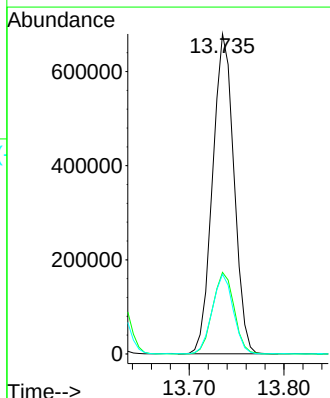
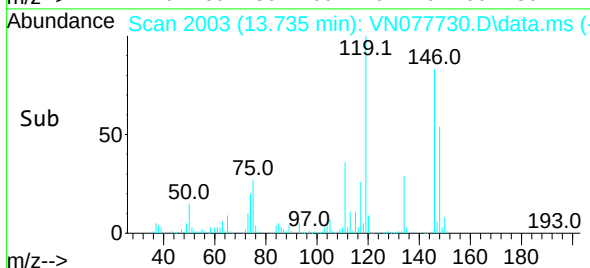
Reviewed By :John Carlone 05/19/2023
 Supervised By :Mahesh Dadoda 05/29/2023

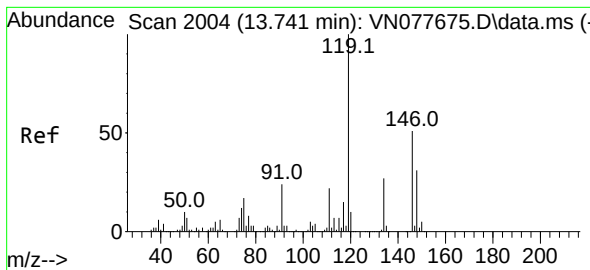


#86
 p-Isopropyltoluene
 Concen: 56.176 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077730.D
 Acq: 18 May 2023 11:15



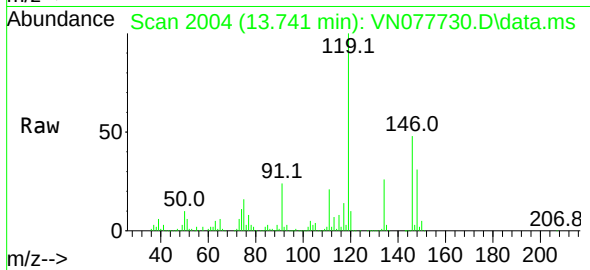
Tgt Ion:119 Resp: 1063985
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 24.5 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 52.527 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. -0.000 min
 Lab File: VN077730.D
 Acq: 18 May 2023 11:15

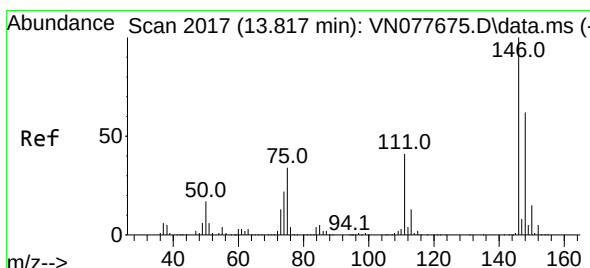
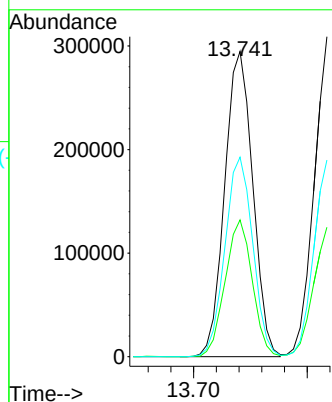
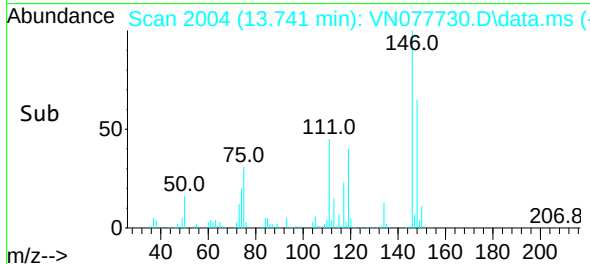
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



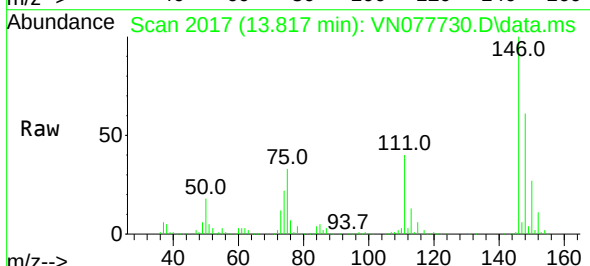
Tgt Ion:146 Resp: 505068
 Ion Ratio Lower Upper
 146 100
 111 43.3 22.1 66.3
 148 65.0 32.0 96.0

Manual Integrations
 APPROVED

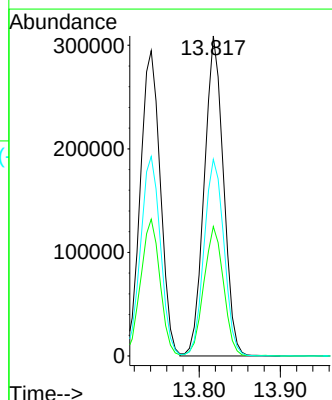
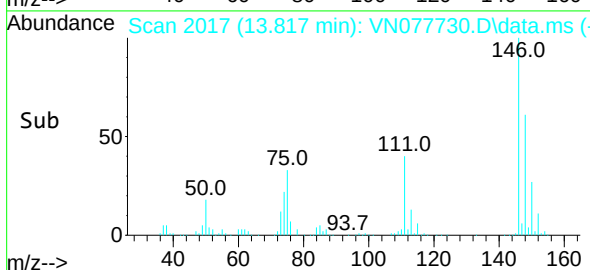
Reviewed By :John Carlone 05/19/2023
 Supervised By :Mahesh Dadoda 05/29/2023

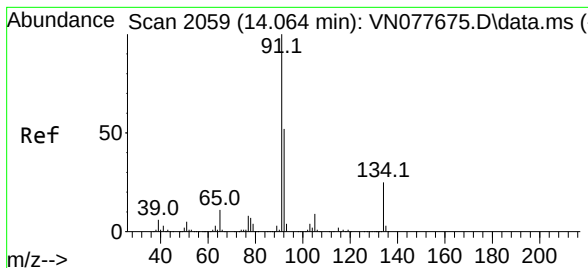


#88
 1,4-Dichlorobenzene
 Concen: 53.250 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN077730.D
 Acq: 18 May 2023 11:15



Tgt Ion:146 Resp: 508091
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.6 61.8
 148 63.7 31.6 94.8





#89

n-Butylbenzene

Concen: 53.822 ug/l

RT: 14.064 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VN077730.D

Acq: 18 May 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

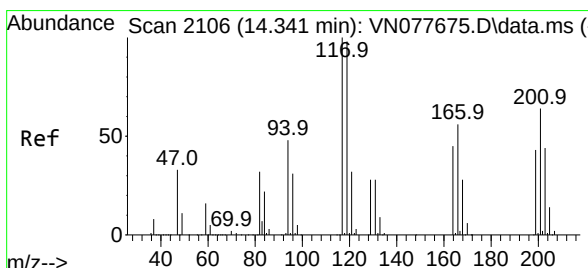
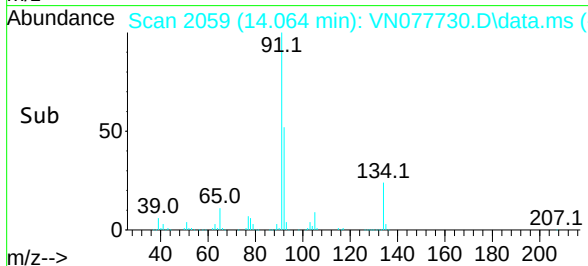
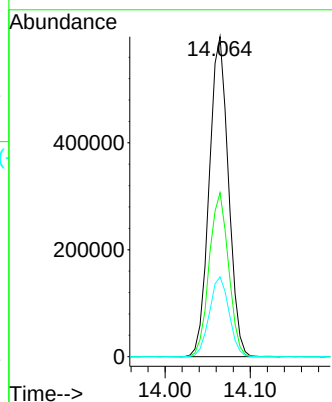
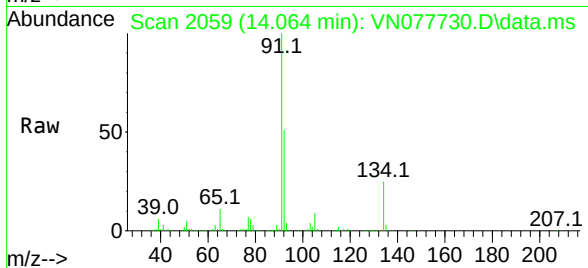
Tgt Ion:	91	Resp:	93760
Ion Ratio	Lower	Upper	
91	100		
92	51.5	26.4	79.0
134	25.4	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/29/2023



#90

Hexachloroethane

Concen: 59.905 ug/l

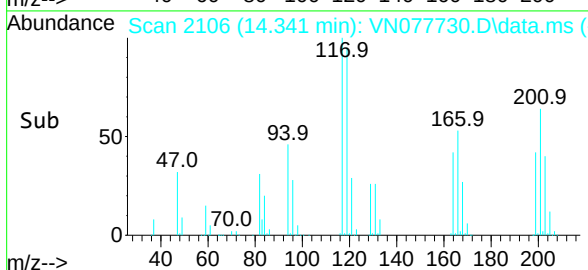
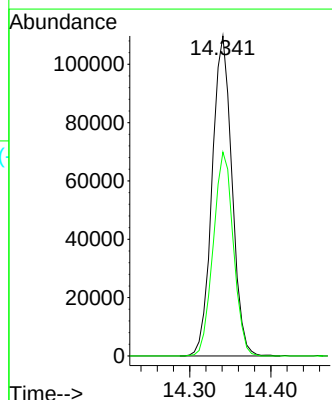
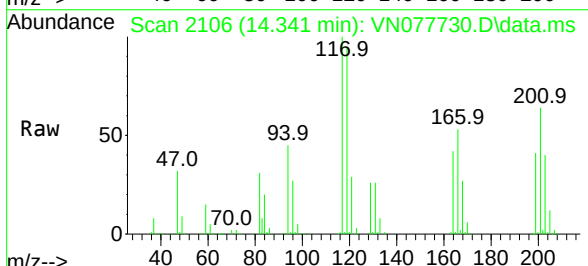
RT: 14.341 min Scan# 2106

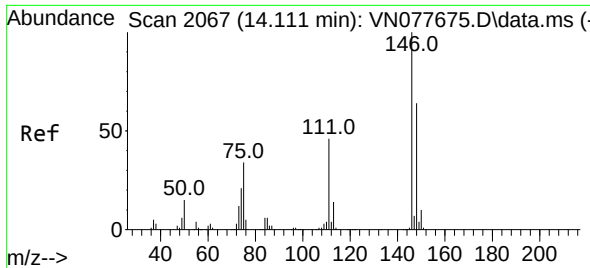
Delta R.T. -0.000 min

Lab File: VN077730.D

Acq: 18 May 2023 11:15

Tgt Ion:	117	Resp:	186392
Ion Ratio	Lower	Upper	
117	100		
201	64.6	29.3	88.0





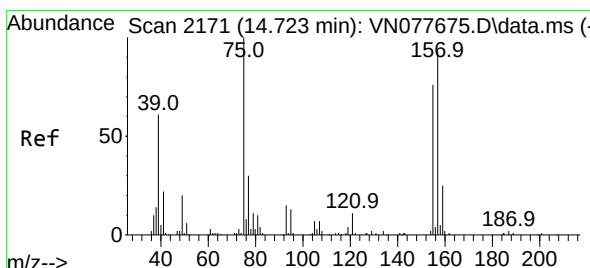
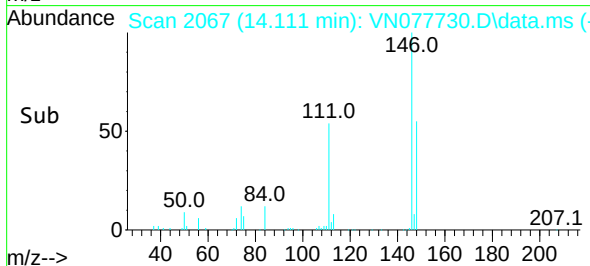
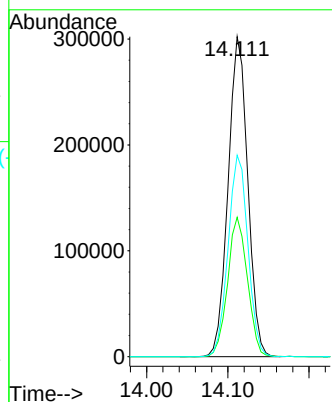
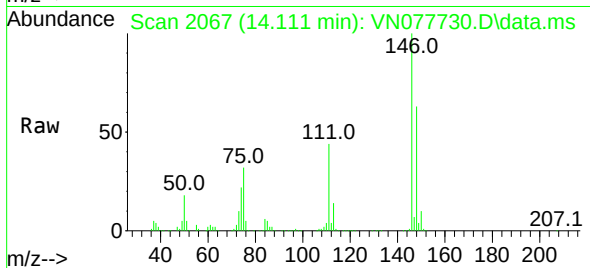
#91
1,2-Dichlorobenzene
Concen: 56.543 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 507914
Ion Ratio Lower Upper
146 100
111 44.0 22.0 66.0
148 63.6 31.8 95.3

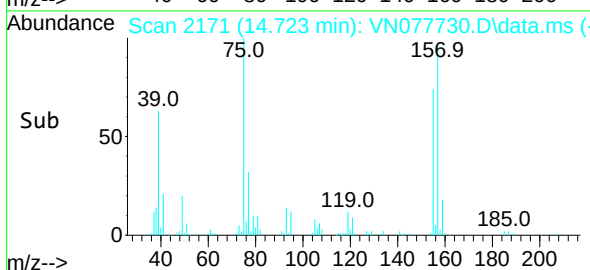
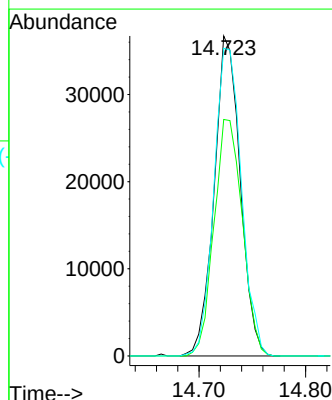
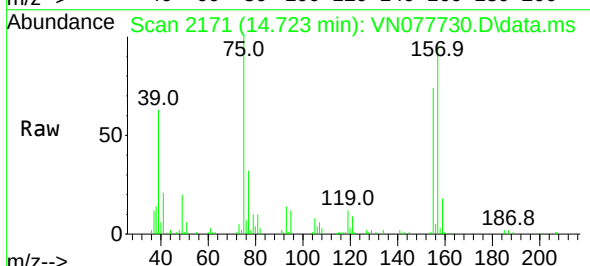
Manual Integrations
APPROVED

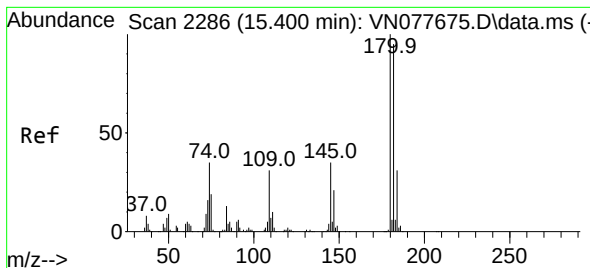
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/29/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.959 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

Tgt Ion: 75 Resp: 62365
Ion Ratio Lower Upper
75 100
155 80.1 39.1 117.2
157 101.5 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 49.981 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077730.D

Acq: 18 May 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 26236

Ion Ratio Lower Upper

180 100

182 95.4 46.1 138.2

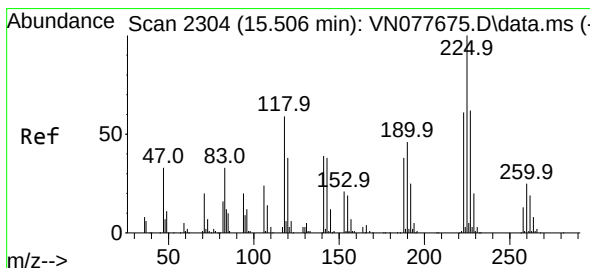
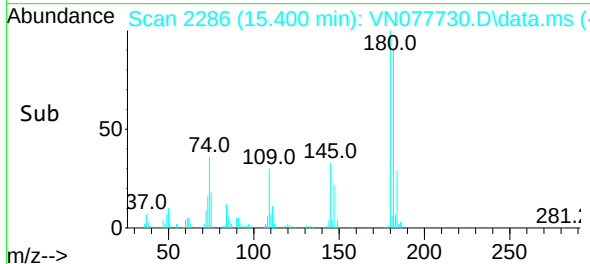
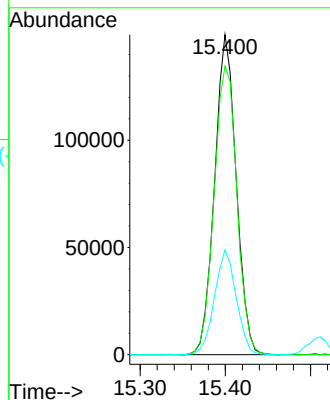
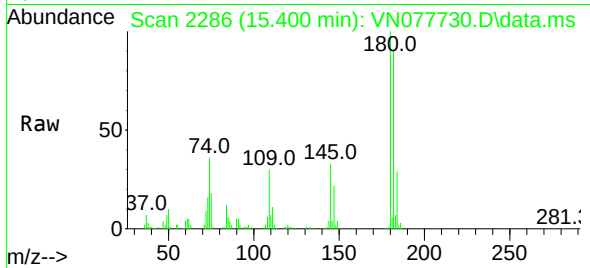
145 33.1 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/29/2023



#94

Hexachlorobutadiene

Concen: 55.449 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. -0.001 min

Lab File: VN077730.D

Acq: 18 May 2023 11:15

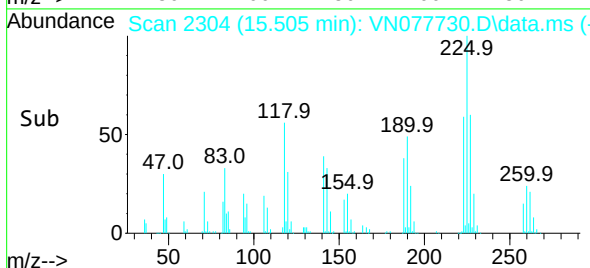
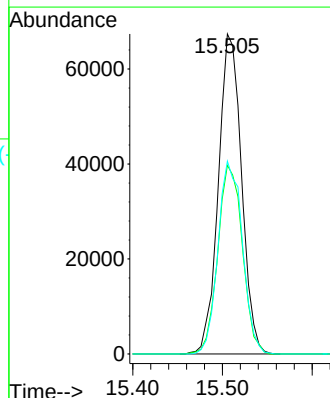
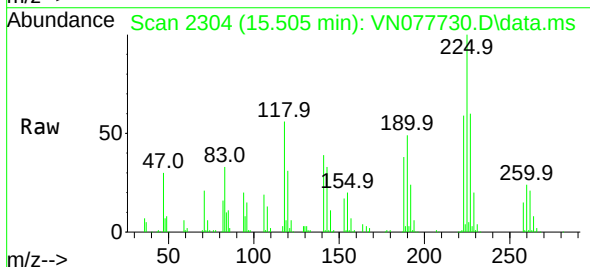
Tgt Ion:225 Resp: 120850

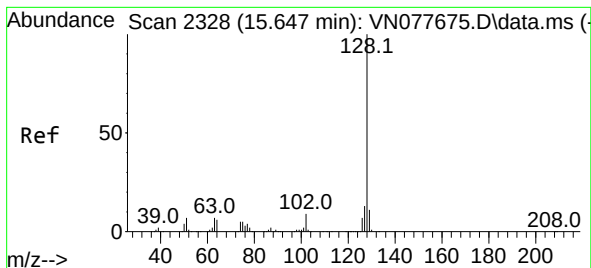
Ion Ratio Lower Upper

225 100

223 62.4 31.3 93.8

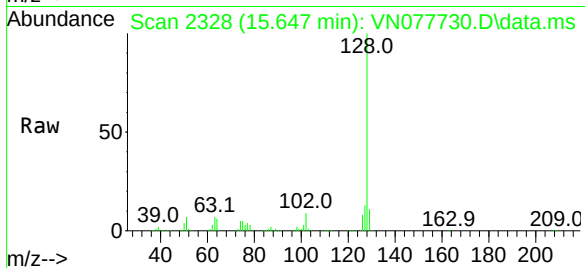
227 63.3 31.9 95.9





#95
Naphthalene
Concen: 43.797 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

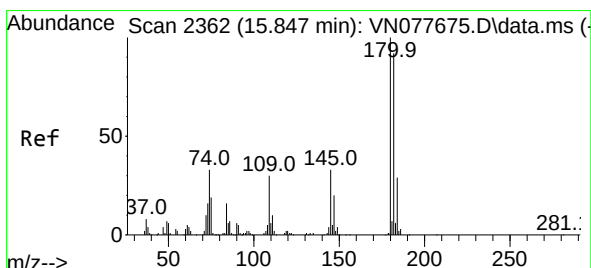
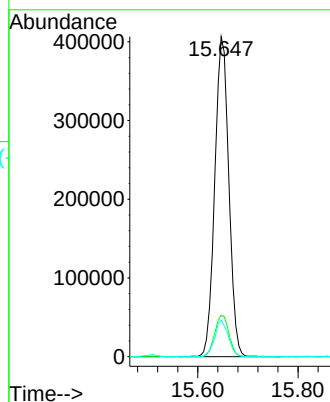
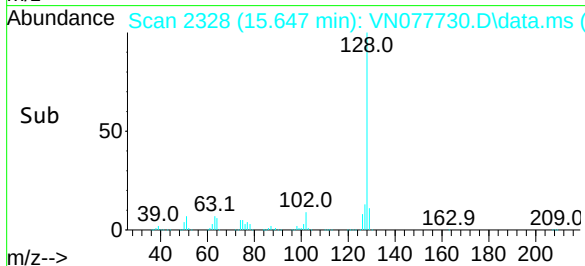
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 791337
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/29/2023



#96
1,2,3-Trichlorobenzene
Concen: 49.753 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN077730.D
Acq: 18 May 2023 11:15

Tgt Ion:180 Resp: 255711
Ion Ratio Lower Upper
180 100
182 95.7 46.2 138.6
145 35.8 17.5 52.6

