

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051923\
 Data File : VN077756.D
 Acq On : 19 May 2023 12:04
 Operator : JC\MD
 Sample : VN0519WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/22/2023
 Supervised By : Mahesh Dadoda 05/22/2023

Quant Time: May 19 23:53:52 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	381287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	678990	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	590328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	259764	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	277949	48.720	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.440%		
35) Dibromofluoromethane	8.171	113	229632	51.864	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.720%		
50) Toluene-d8	10.571	98	866653	50.853	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.700%		
62) 4-Bromofluorobenzene	12.859	95	295008	49.013	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	76496	17.629	ug/l	96
3) Chloromethane	2.365	50	79346	16.029	ug/l	98
4) Vinyl Chloride	2.518	62	93043	17.007	ug/l	99
5) Bromomethane	2.971	94	71468	17.663	ug/l	100
6) Chloroethane	3.130	64	66901	16.968	ug/l	99
7) Trichlorofluoromethane	3.506	101	144009	18.888	ug/l	96
8) Diethyl Ether	3.977	74	52443	18.841	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.383	101	78850	18.687	ug/l	95
10) Methyl Iodide	4.606	142	100208	19.914	ug/l	91
11) Tert butyl alcohol	5.536	59	71924	91.350	ug/l #	86
12) 1,1-Dichloroethene	4.353	96	73164	18.244	ug/l	90
13) Acrolein	4.189	56	50001	82.872	ug/l	94
14) Allyl chloride	5.036	41	98897	16.787	ug/l	91
15) Acrylonitrile	5.730	53	192367	91.451	ug/l	100
16) Acetone	4.442	43	155580	86.680	ug/l	91
17) Carbon Disulfide	4.718	76	168294	15.575	ug/l	100
18) Methyl Acetate	5.036	43	137088	18.206	ug/l	90
19) Methyl tert-butyl Ether	5.800	73	271468	18.702	ug/l	100
20) Methylene Chloride	5.283	84	89710	17.936	ug/l	96
21) trans-1,2-Dichloroethene	5.794	96	81956	18.193	ug/l #	85
22) Diisopropyl ether	6.683	45	254547	18.434	ug/l #	92
23) Vinyl Acetate	6.612	43	741365	86.652	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	159684	18.875	ug/l	98
25) 2-Butanone	7.488	43	245318	87.372	ug/l #	83
26) 2,2-Dichloropropane	7.500	77	132582	18.447	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	99982	18.510	ug/l	92
28) Bromochloromethane	7.818	49	67902	18.559	ug/l	88
29) Tetrahydrofuran	7.847	42	163421	88.889	ug/l #	84
30) Chloroform	7.977	83	172802	18.568	ug/l	95
31) Cyclohexane	8.265	56	132272	17.059	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	148122	18.721	ug/l	98
36) 1,1-Dichloropropene	8.377	75	122220	18.873	ug/l	97
37) Ethyl Acetate	7.571	43	101363	17.561	ug/l	96
38) Carbon Tetrachloride	8.371	117	126898	19.405	ug/l	98
39) Methylcyclohexane	9.612	83	147378	18.589	ug/l	89
40) Benzene	8.612	78	371224	19.425	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	56357	18.333	ug/l	92
42) 1,2-Dichloroethane	8.677	62	133421	19.219	ug/l	96
43) Isopropyl Acetate	8.694	43	174537	18.512	ug/l	95
44) Trichloroethene	9.359	130	96356	19.912	ug/l	94
45) 1,2-Dichloropropane	9.629	63	95102	19.510	ug/l	95
46) Dibromomethane	9.718	93	65540	18.790	ug/l	91
47) Bromodichloromethane	9.894	83	134586	20.154	ug/l	99
48) Methyl methacrylate	9.688	41	86504	19.352	ug/l	83
49) 1,4-Dioxane	9.706	88	33960	402.233	ug/l	94
51) 4-Methyl-2-Pentanone	10.453	43	526398	93.928	ug/l	93
52) Toluene	10.635	92	235581	19.801	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	137288	19.414	ug/l	97
54) cis-1,3-Dichloropropene	10.323	75	148923	19.110	ug/l	96
55) 1,1,2-Trichloroethane	11.023	97	92902	19.666	ug/l	91
56) Ethyl methacrylate	10.882	69	130995	18.340	ug/l #	88
57) 1,3-Dichloropropane	11.170	76	161723	19.970	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	324700	92.405	ug/l	93
59) 2-Hexanone	11.200	43	361796	87.279	ug/l	94
60) Dibromochloromethane	11.365	129	100165	20.539	ug/l	98
61) 1,2-Dibromoethane	11.476	107	92625	19.654	ug/l	99
64) Tetrachloroethene	11.112	164	92064	22.301	ug/l	94
65) Chlorobenzene	11.900	112	251218	19.630	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	93218	21.051	ug/l	98
67) Ethyl Benzene	11.970	91	443116	19.321	ug/l	99
68) m/p-Xylenes	12.076	106	344583	39.653	ug/l	99
69) o-Xylene	12.406	106	166445	19.476	ug/l	94
70) Styrene	12.417	104	269048	19.818	ug/l	97
71) Bromoform	12.588	173	61220	20.783	ug/l #	98
73) Isopropylbenzene	12.706	105	443446	19.804	ug/l	99
74) N-amyl acetate	12.500	43	139917	16.905	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.947	83	128586	18.667	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	125639m	19.313	ug/l	
77) Bromobenzene	12.988	156	97967	19.172	ug/l	100
78) n-propylbenzene	13.041	91	507452	19.223	ug/l	100
79) 2-Chlorotoluene	13.135	91	302373	19.195	ug/l	99
80) 1,3,5-Trimethylbenzene	13.182	105	372252	19.780	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.747	75	31686	15.569	ug/l #	79
82) 4-Chlorotoluene	13.229	91	290692	18.547	ug/l	97
83) tert-Butylbenzene	13.447	119	326954	19.901	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	377239	20.382	ug/l	99
85) sec-Butylbenzene	13.623	105	462066	19.790	ug/l	99
86) p-Isopropyltoluene	13.741	119	380982	20.467	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	184385	19.512	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	181123	19.315	ug/l	100
89) n-Butylbenzene	14.064	91	319786	18.678	ug/l	98
90) Hexachloroethane	14.341	117	60457	19.771	ug/l	87
91) 1,2-Dichlorobenzene	14.111	146	184192	20.864	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.729	75	23378	17.529	ug/l	99
93) 1,2,4-Trichlorobenzene	15.400	180	87676	16.995	ug/l	98
94) Hexachlorobutadiene	15.506	225	41748	19.490	ug/l	96
95) Naphthalene	15.647	128	255376	14.381	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	88678	17.556	ug/l	99

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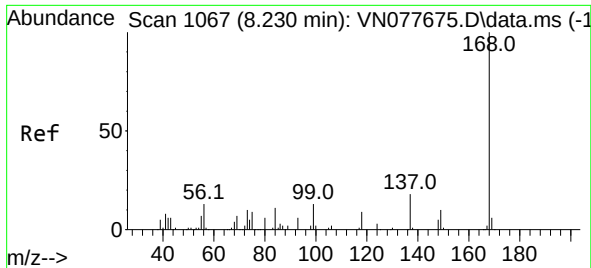
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/22/2023

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Quant Title : SW846 8260
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Response via : Initial Calibration

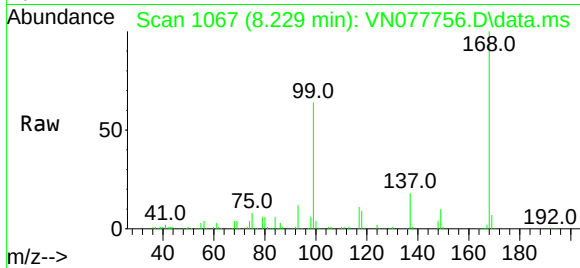
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
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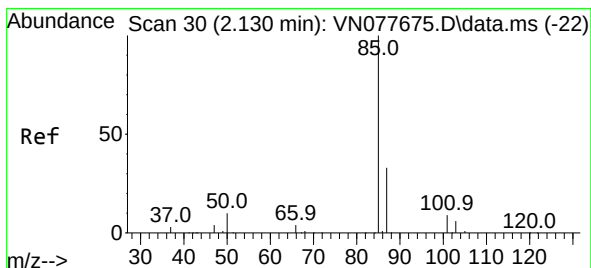
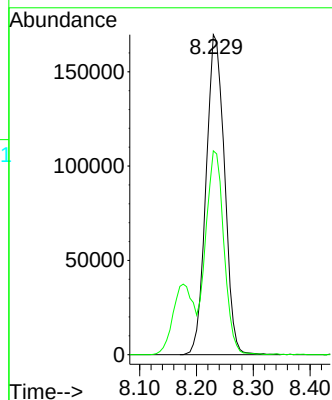
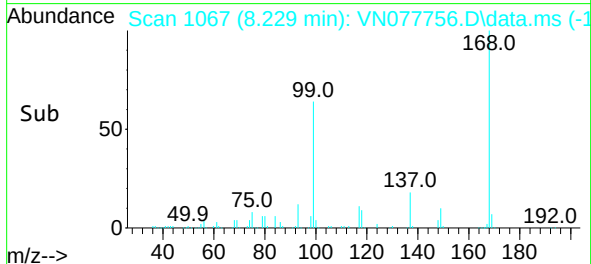
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



Tgt Ion:168 Resp: 38128
Ion Ratio Lower Upper
168 100
99 63.6 53.0 79.6

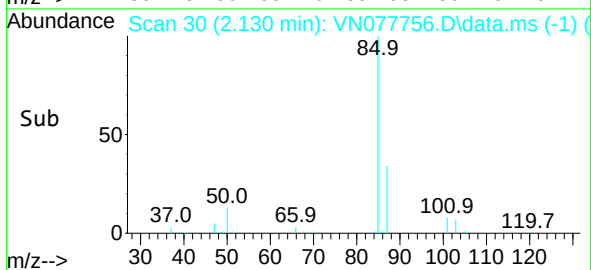
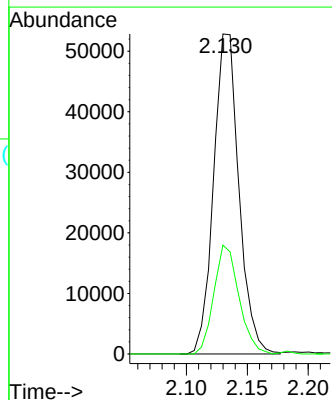
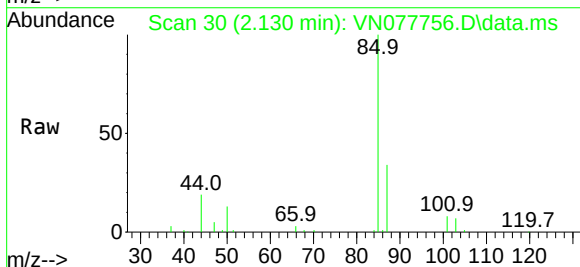
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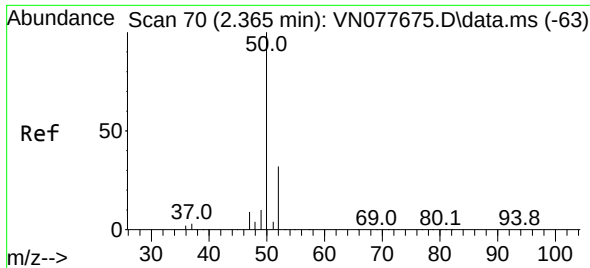
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#2
Dichlorodifluoromethane
Concen: 17.629 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

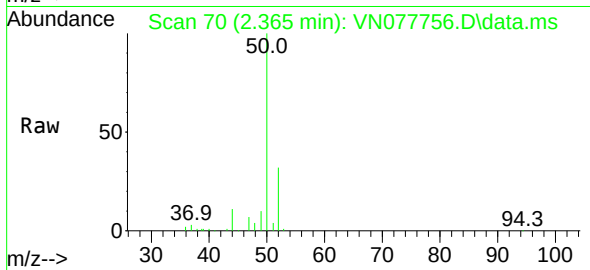
Tgt Ion: 85 Resp: 76496
Ion Ratio Lower Upper
85 100
87 34.0 15.8 47.4





#3
Chloromethane
Concen: 16.029 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

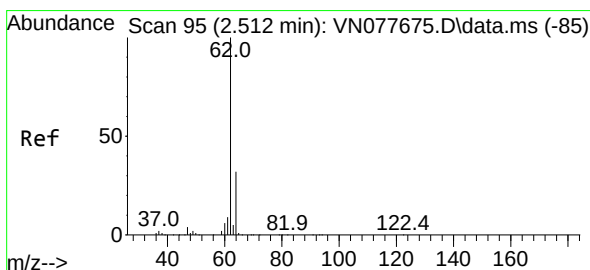
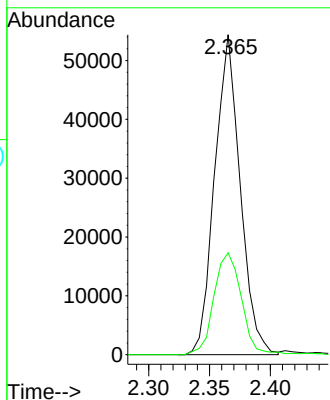
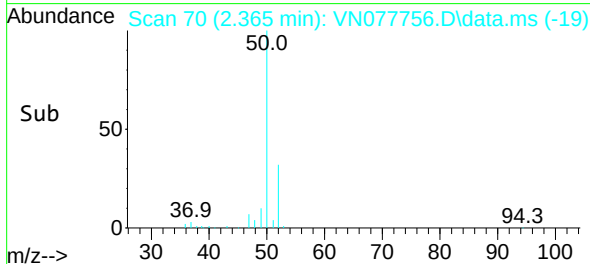
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Tgt Ion: 50 Resp: 79340
Ion Ratio Lower Upper
50 100
52 31.9 26.5 39.7

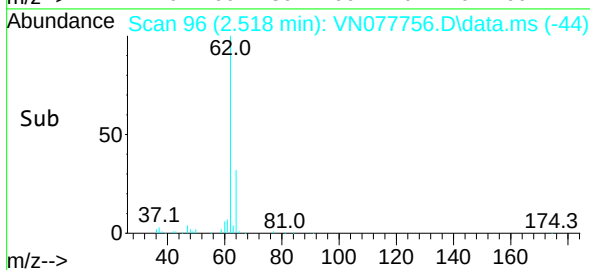
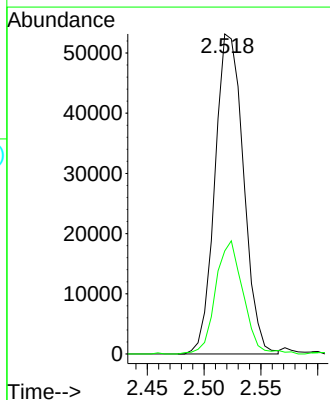
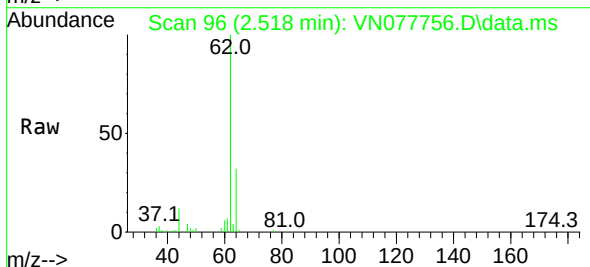
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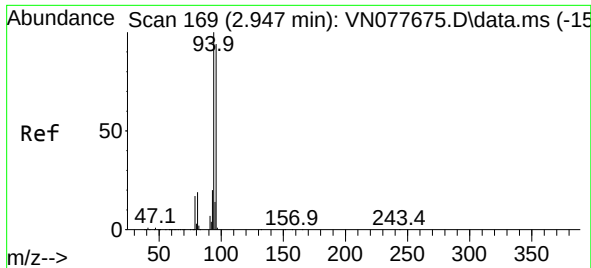
Reviewed By :John Carlone 05/22/2023
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#4
Vinyl Chloride
Concen: 17.007 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

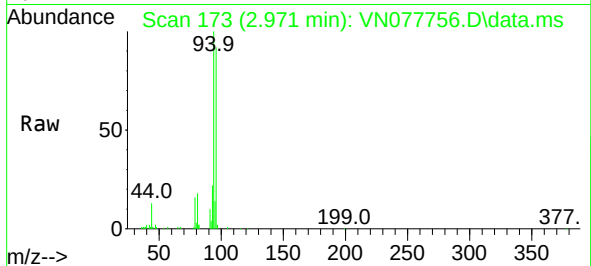
Tgt Ion: 62 Resp: 93043
Ion Ratio Lower Upper
62 100
64 32.2 26.2 39.2





#5
Bromomethane
Concen: 17.663 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

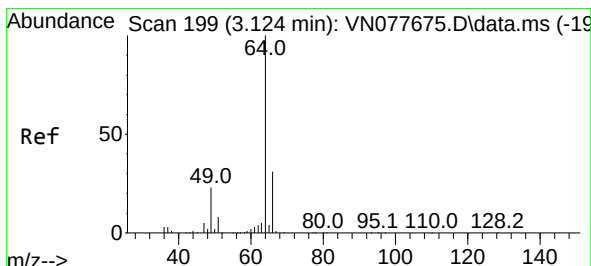
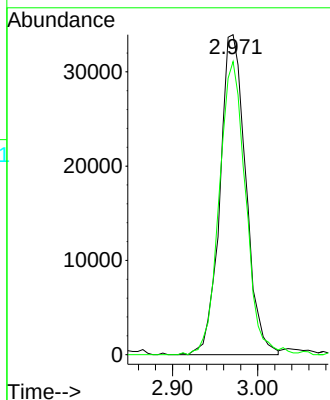
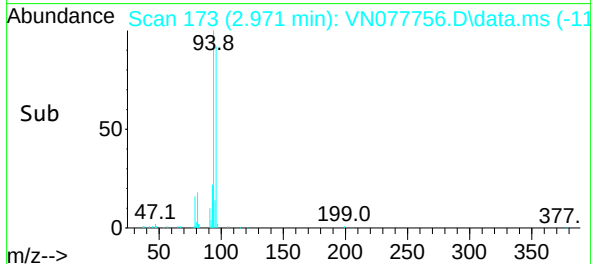
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Tgt Ion: 94 Resp: 71468
Ion Ratio Lower Upper
94 100
96 91.6 73.1 109.7

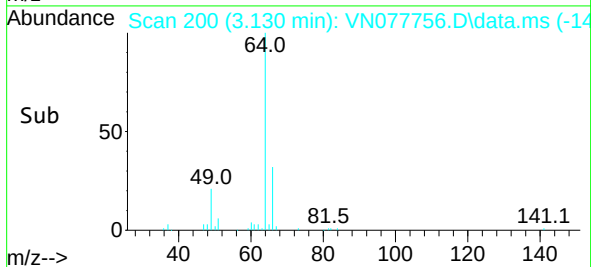
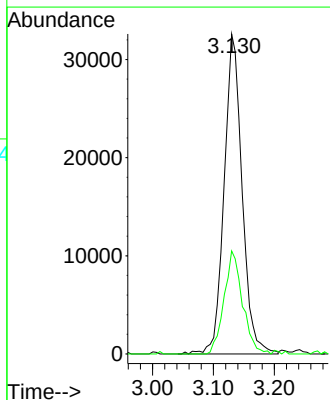
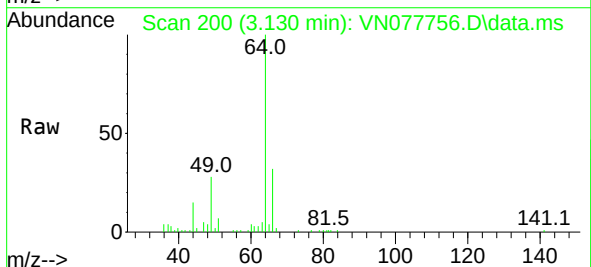
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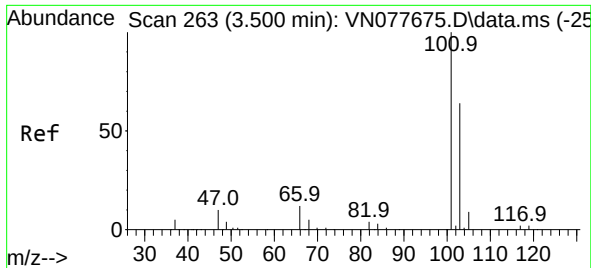
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#6
Chloroethane
Concen: 16.968 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN077756.D
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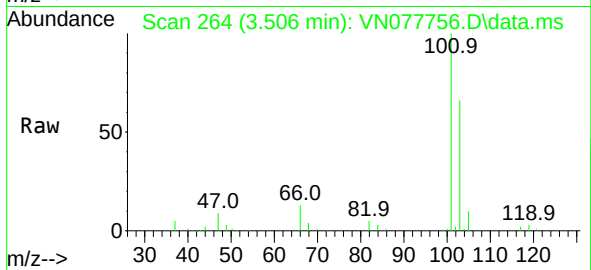
Tgt Ion: 64 Resp: 66901
Ion Ratio Lower Upper
64 100
66 32.2 25.4 38.2





#7
Trichlorofluoromethane
Concen: 18.888 ug/l
RT: 3.506 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

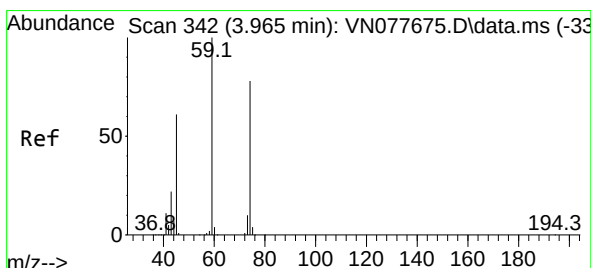
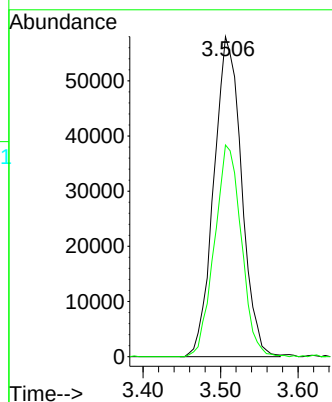
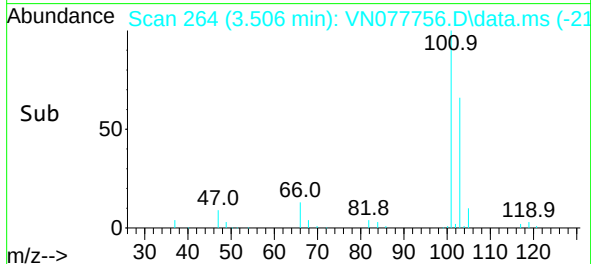
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



Tgt Ion:101 Resp: 144009
Ion Ratio Lower Upper
101 100
103 66.2 50.7 76.1

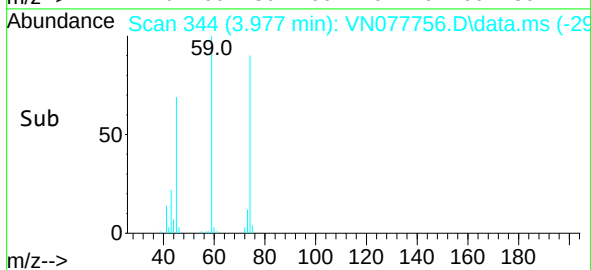
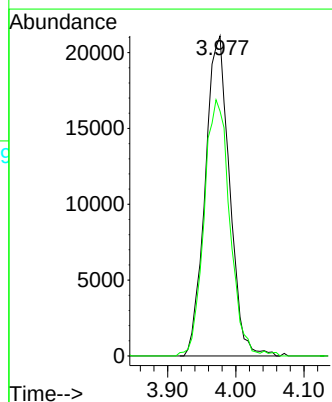
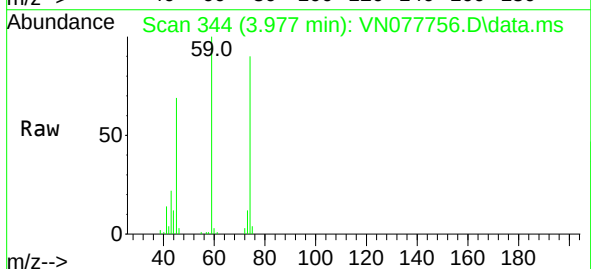
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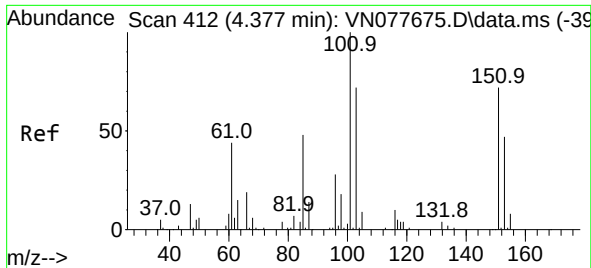
Reviewed By :John Carlone 05/22/2023
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#8
Diethyl Ether
Concen: 18.841 ug/l
RT: 3.977 min Scan# 344
Delta R.T. 0.012 min
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Tgt Ion: 74 Resp: 52443
Ion Ratio Lower Upper
74 100
45 84.2 34.4 103.3





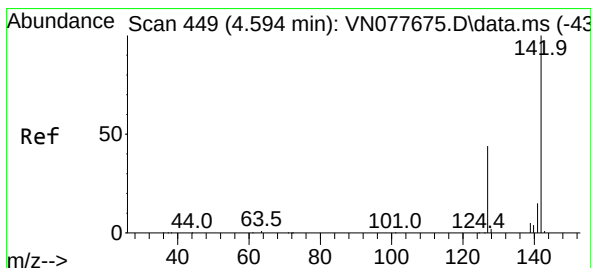
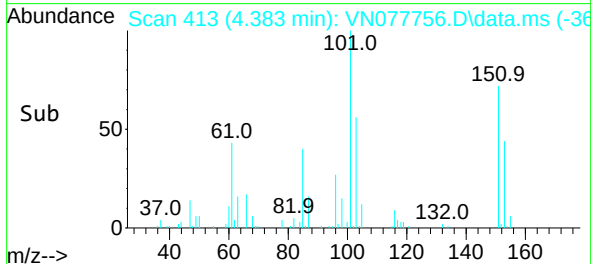
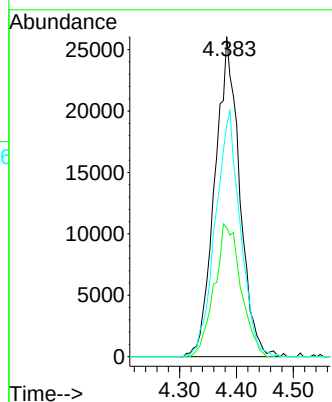
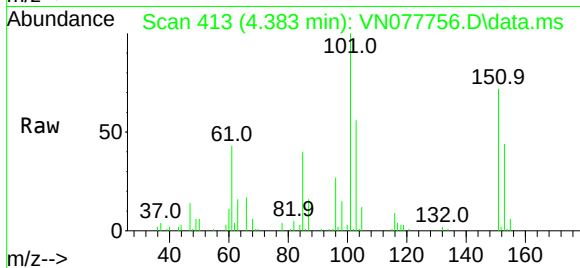
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.687 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

Tgt Ion:101 Resp: 78850
Ion Ratio Lower Upper
101 100
85 44.5 36.6 55.0
151 77.4 57.6 86.4

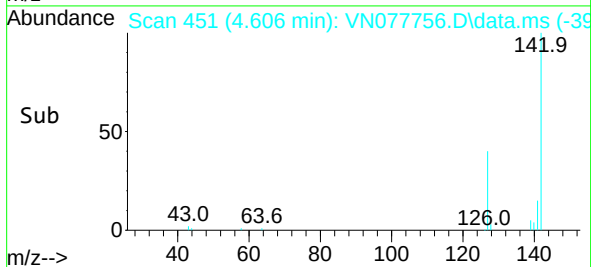
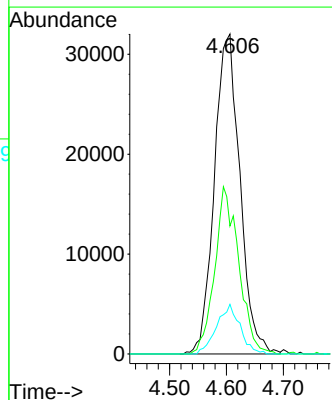
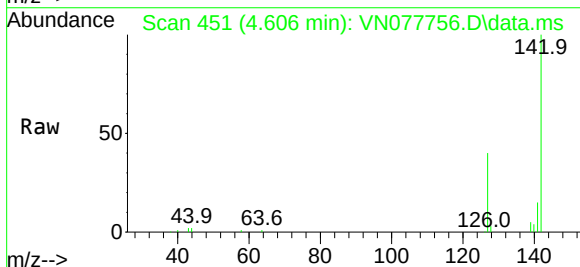
Manual Integrations
APPROVED

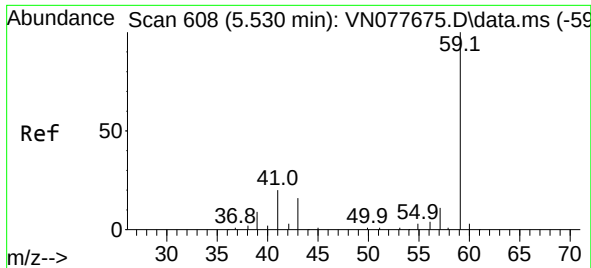
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#10
Methyl Iodide
Concen: 19.914 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.012 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

Tgt Ion:142 Resp: 100208
Ion Ratio Lower Upper
142 100
127 40.0 37.6 56.4
141 15.5 11.4 17.0





#11

Tert butyl alcohol

Concen: 91.350 ug/l

RT: 5.536 min Scan# 608

Delta R.T. 0.006 min

Lab File: VN077756.D

Acq: 19 May 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01

Tgt Ion: 59 Resp: 71924

Ion Ratio Lower Upper

59 100

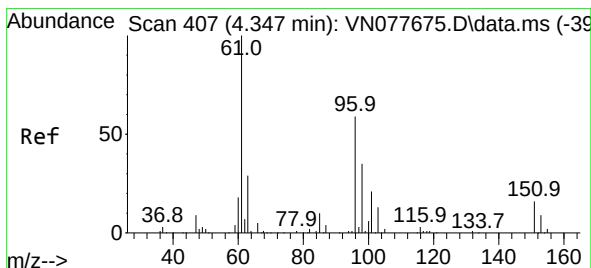
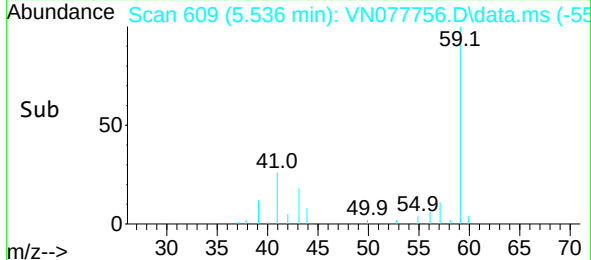
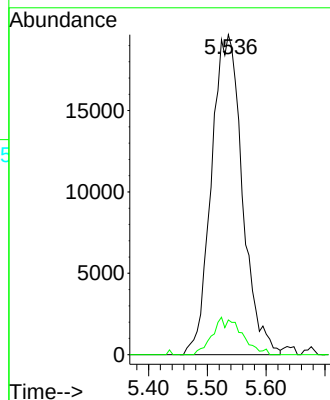
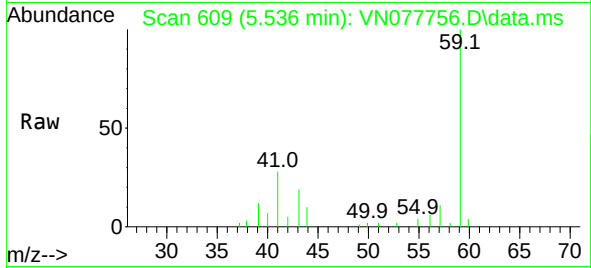
57 5.0 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#12

1,1-Dichloroethene

Concen: 18.244 ug/l

RT: 4.353 min Scan# 408

Delta R.T. 0.006 min

Lab File: VN077756.D

Acq: 19 May 2023 12:04

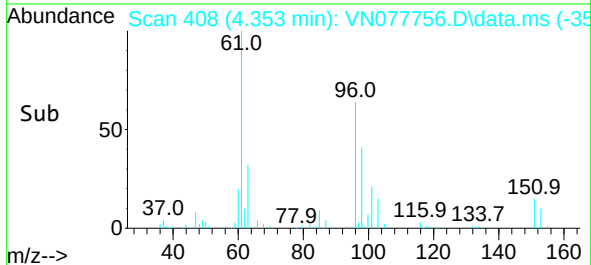
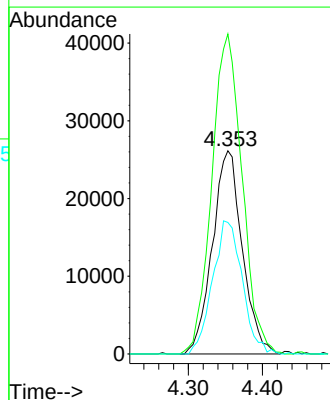
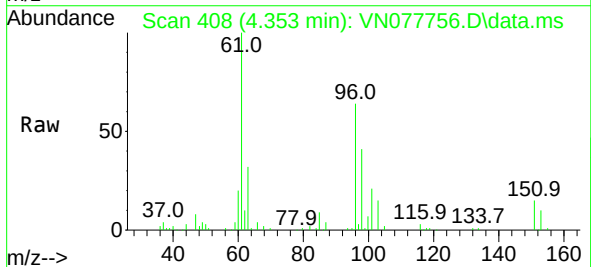
Tgt Ion: 96 Resp: 73164

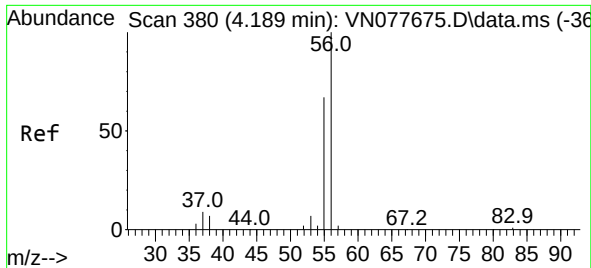
Ion Ratio Lower Upper

96 100

61 157.4 112.7 169.1

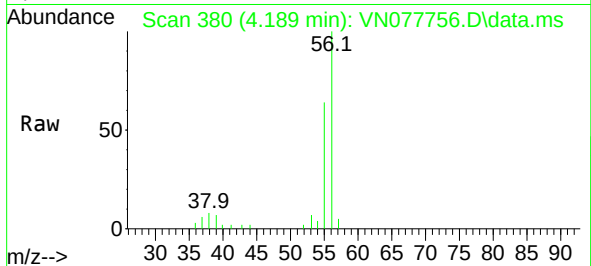
98 64.7 51.2 76.8





#13
Acrolein
Concen: 82.872 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

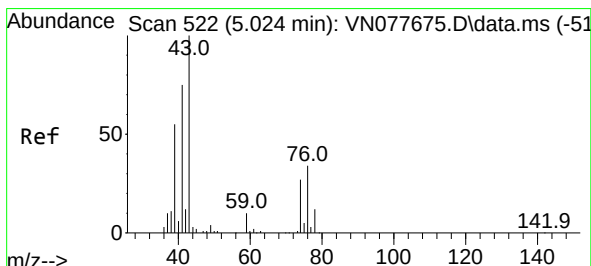
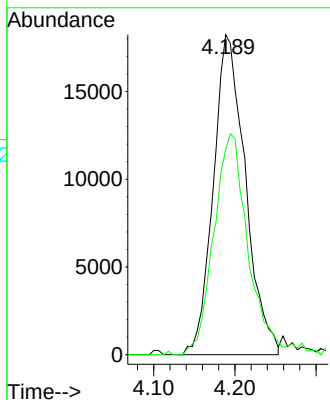
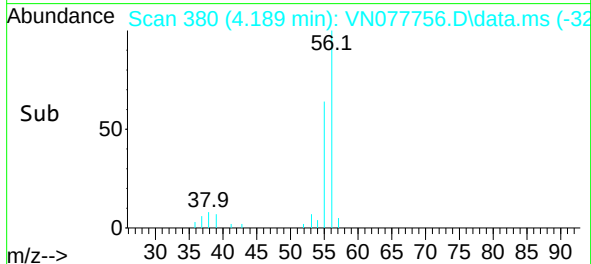
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



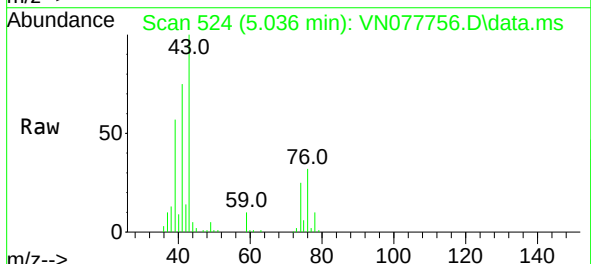
Tgt Ion: 56 Resp: 5000
Ion Ratio Lower Upper
56 100
55 73.3 54.5 81.7

Manual Integrations
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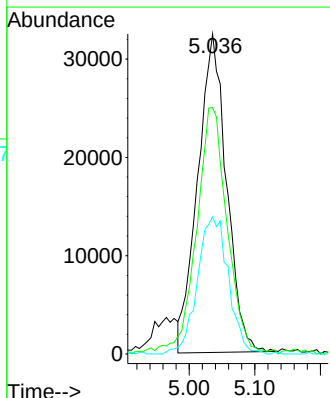
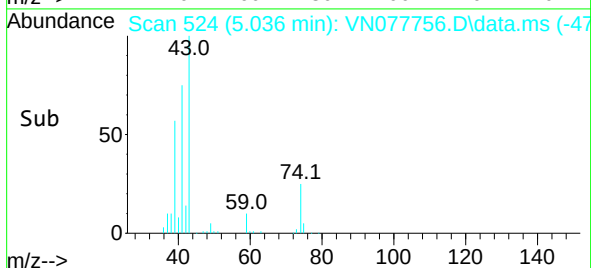
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

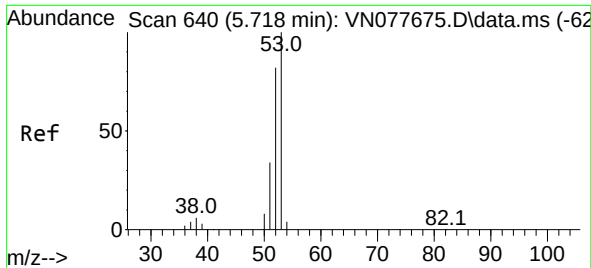


#14
Allyl chloride
Concen: 16.787 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04



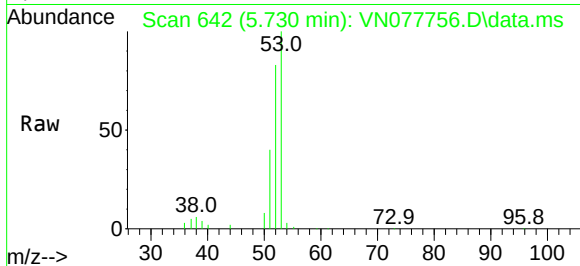
Tgt Ion: 41 Resp: 98897
Ion Ratio Lower Upper
41 100
39 83.4 58.8 88.2
76 46.4 39.1 58.7





#15
Acrylonitrile
Concen: 91.451 ug/l
RT: 5.730 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

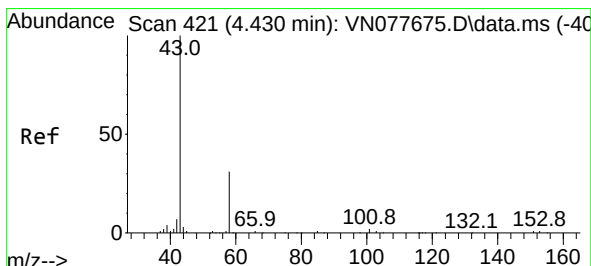
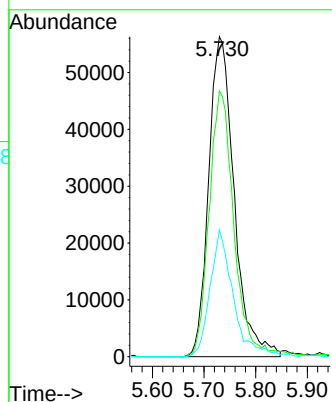
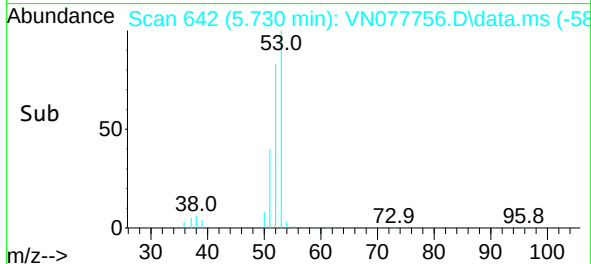
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



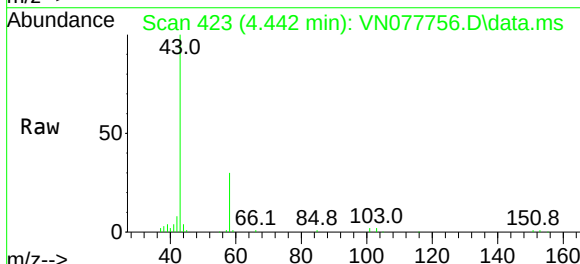
Tgt Ion: 53 Resp: 19236
Ion Ratio Lower Upper
53 100
52 81.2 65.3 97.9
51 35.9 28.9 43.3

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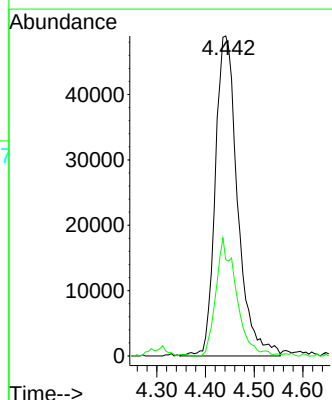
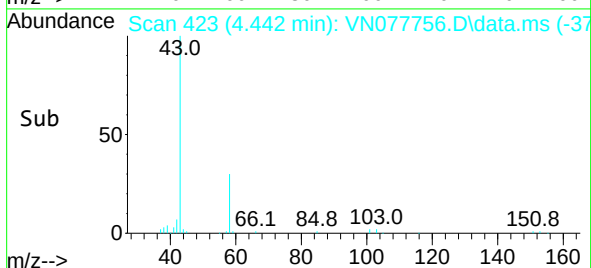
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

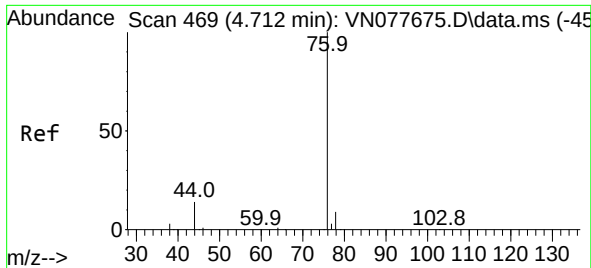


#16
Acetone
Concen: 86.680 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04



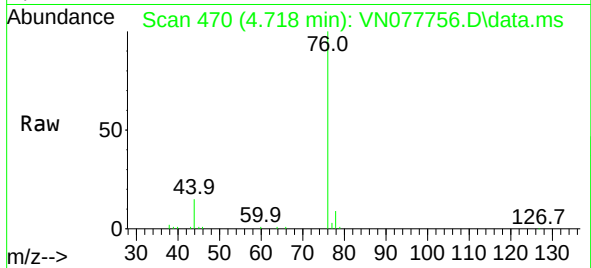
Tgt Ion: 43 Resp: 155580
Ion Ratio Lower Upper
43 100
58 29.6 28.0 42.0





#17
Carbon Disulfide
Concen: 15.575 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

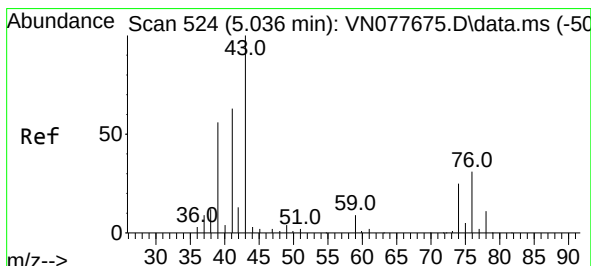
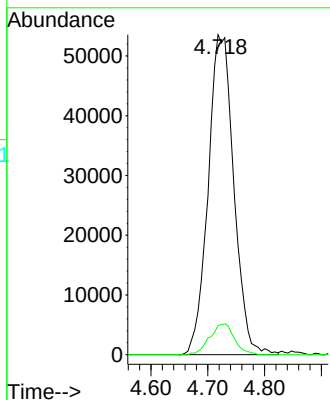
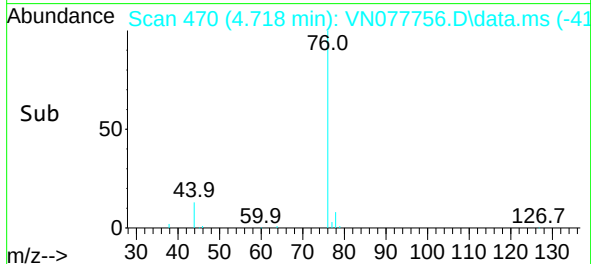
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



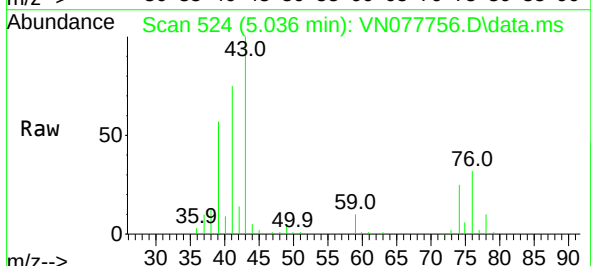
Tgt Ion: 76 Resp: 168294
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

Manual Integrations
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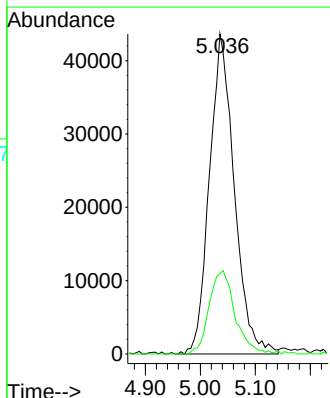
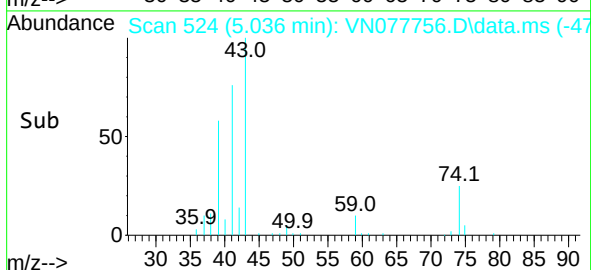
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

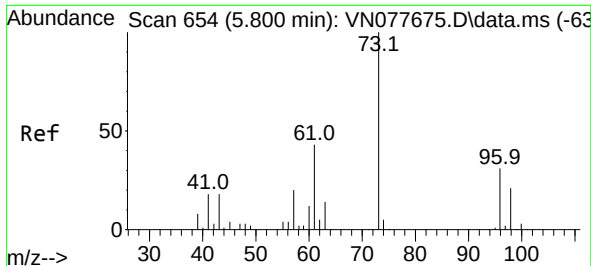


#18
Methyl Acetate
Concen: 18.206 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04



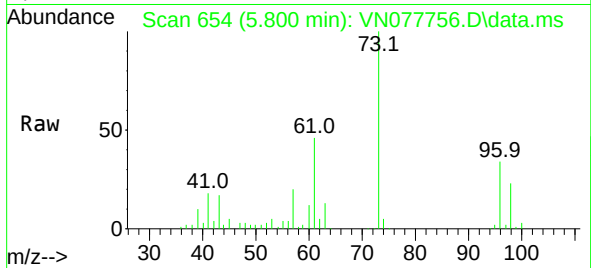
Tgt Ion: 43 Resp: 137088
Ion Ratio Lower Upper
43 100
74 27.1 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 18.702 ug/l
RT: 5.800 min Scan# 614
Delta R.T. 0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

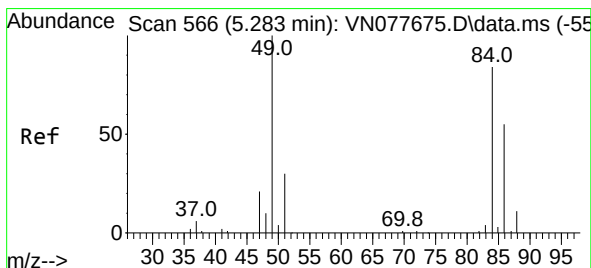
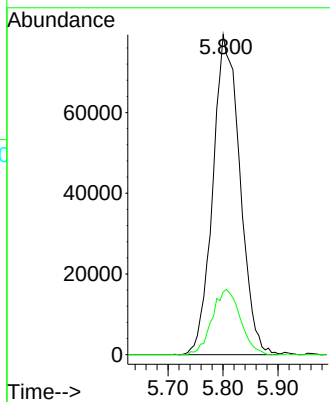
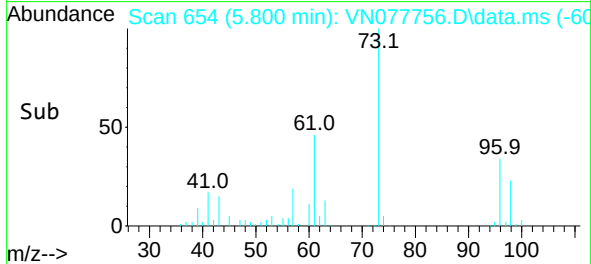
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



Tgt Ion: 73 Resp: 271468
Ion Ratio Lower Upper
73 100
57 19.6 15.6 23.4

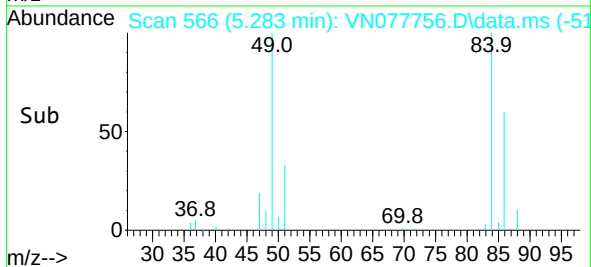
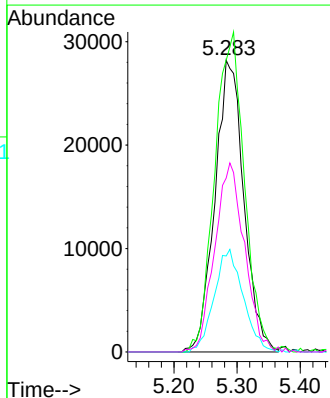
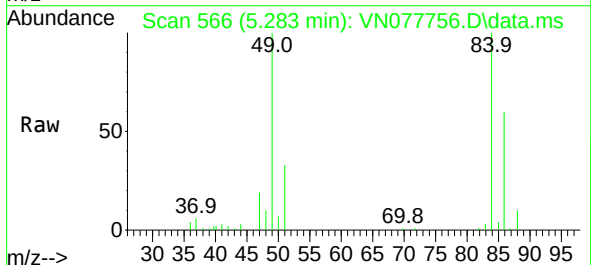
Manual Integrations
APPROVED

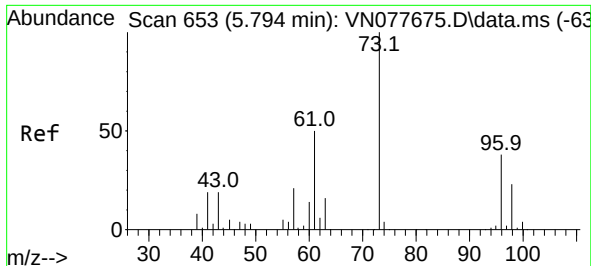
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#20
Methylene Chloride
Concen: 17.936 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

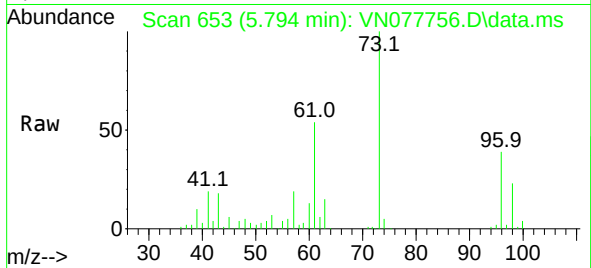
Tgt Ion: 84 Resp: 89710
Ion Ratio Lower Upper
84 100
49 100.0 79.7 119.5
51 32.9 25.2 37.8
86 59.6 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.193 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

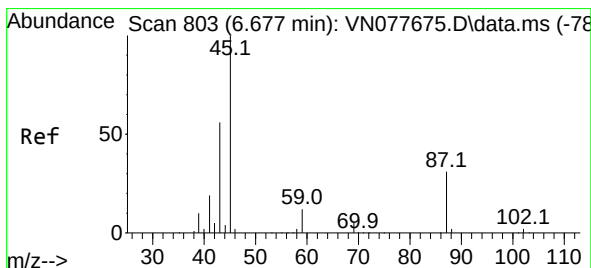
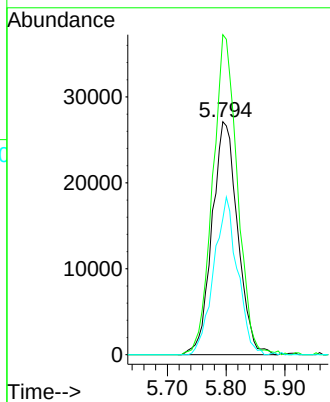
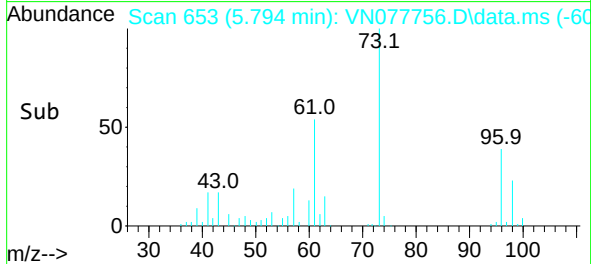
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



Tgt Ion: 96 Resp: 81950
Ion Ratio Lower Upper
96 100
61 137.4 90.1 135.1
98 58.4 46.4 69.6

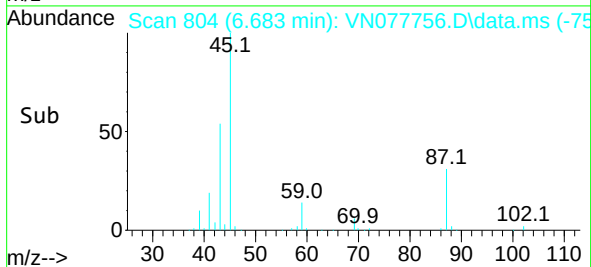
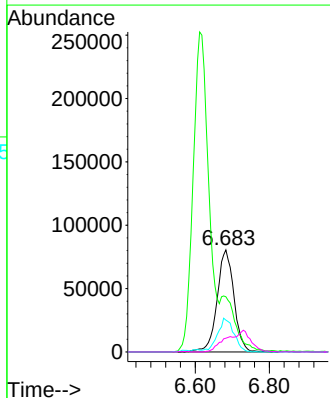
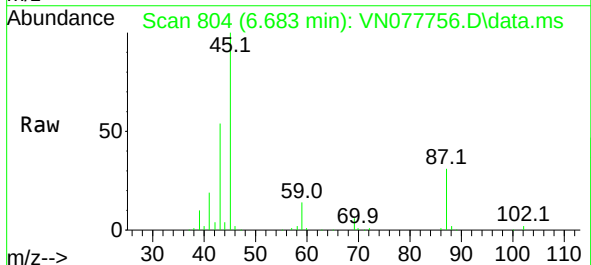
Manual Integrations
APPROVED

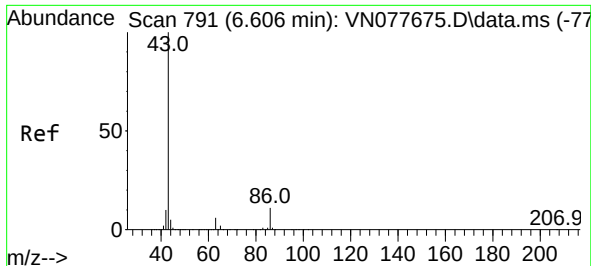
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#22
Diisopropyl ether
Concen: 18.434 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

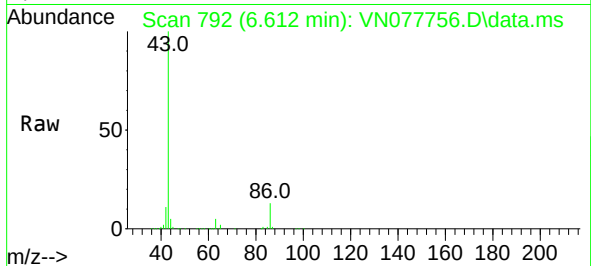
Tgt Ion: 45 Resp: 254547
Ion Ratio Lower Upper
45 100
43 53.5 45.5 68.3
87 31.2 31.8 47.8
59 13.5 11.6 17.4





#23
 Vinyl Acetate
 Concen: 86.652 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077756.D
 Acq: 19 May 2023 12:04

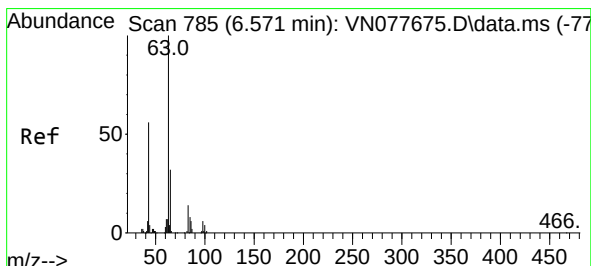
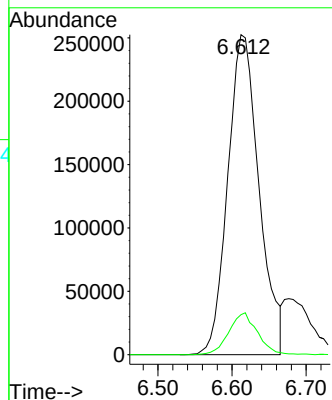
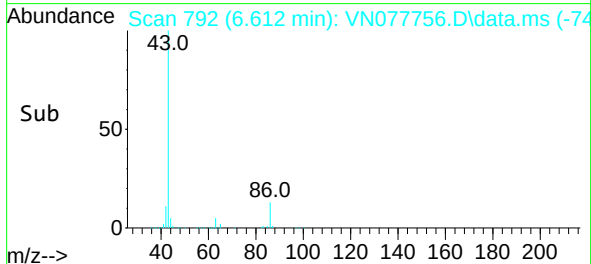
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBSD01



Tgt Ion: 43 Resp: 74136
 Ion Ratio Lower Upper
 43 100
 86 12.5 13.0 19.6

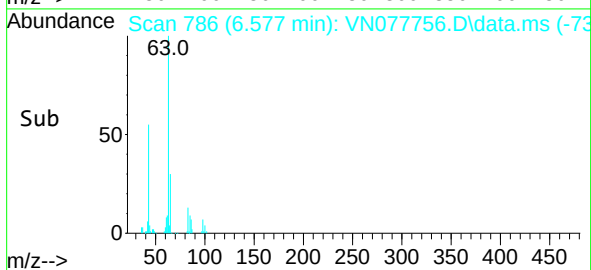
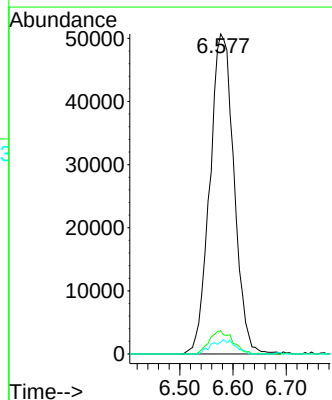
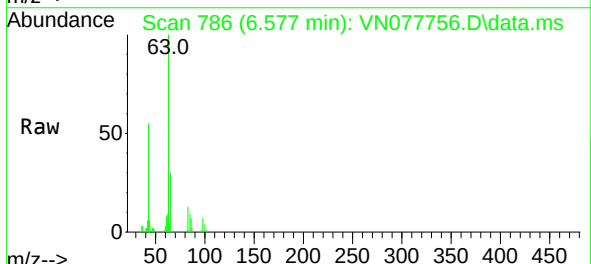
Manual Integrations
 APPROVED

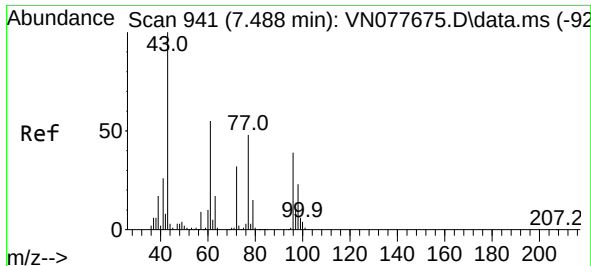
Reviewed By :John Carlone 05/22/2023
 Supervised By :Mahesh Dadoda 05/22/2023



#24
 1,1-Dichloroethane
 Concen: 18.875 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077756.D
 Acq: 19 May 2023 12:04

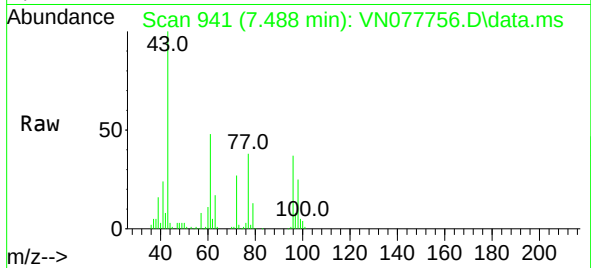
Tgt Ion: 63 Resp: 159684
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 3.7 2.5 7.4





#25
2-Butanone
Concen: 87.372 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

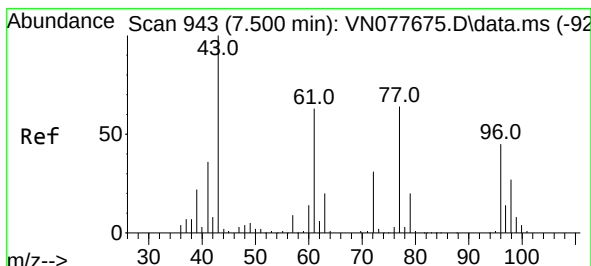
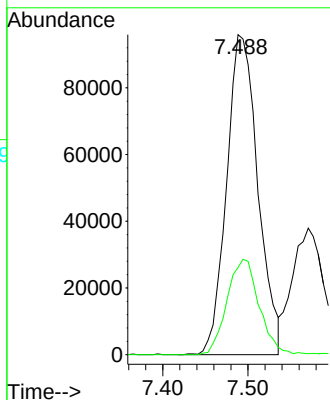
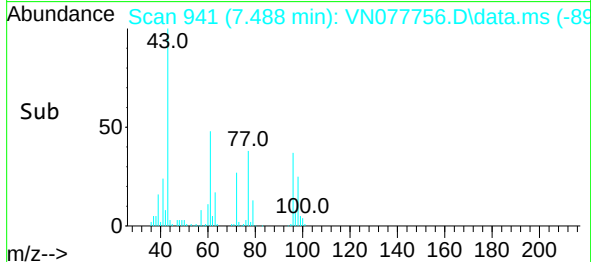
Instrument :
MSVOA_N
Client Sample Id :
VN0519WBSD01



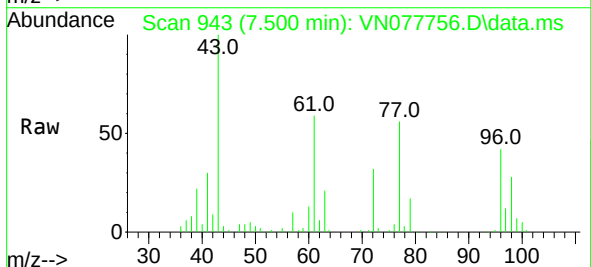
Tgt Ion: 43 Resp: 245318
Ion Ratio Lower Upper
43 100
72 27.2 30.2 45.2

Manual Integrations
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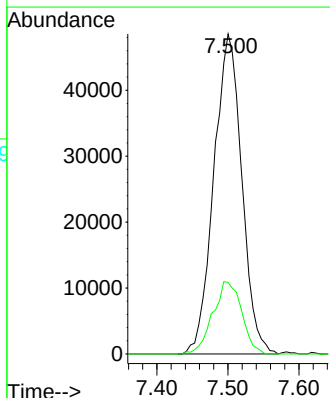
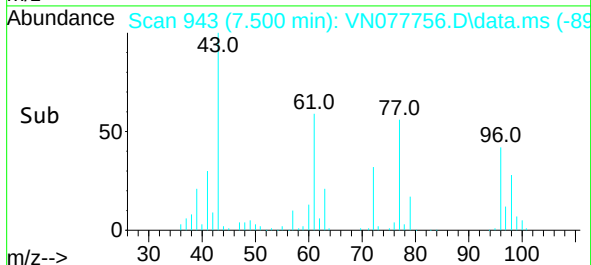
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

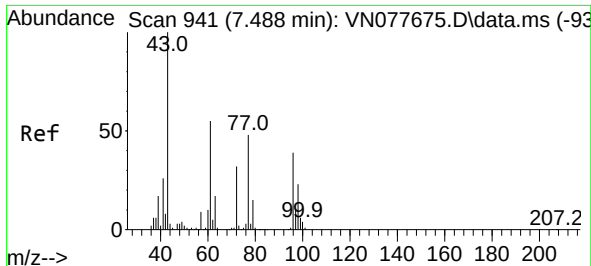


#26
2,2-Dichloropropane
Concen: 18.447 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04



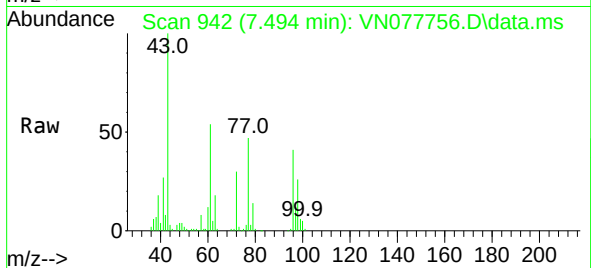
Tgt Ion: 77 Resp: 132582
Ion Ratio Lower Upper
77 100
97 23.3 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.510 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN077756.D
 Acq: 19 May 2023 12:04

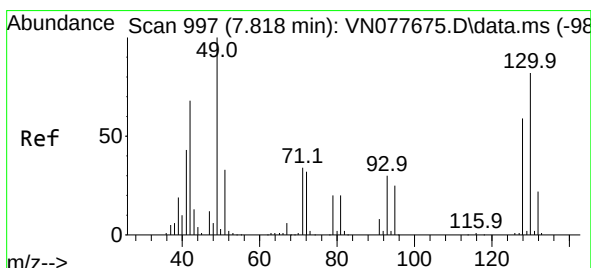
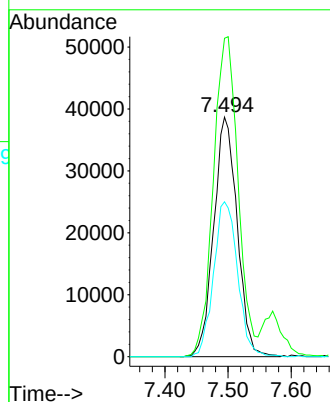
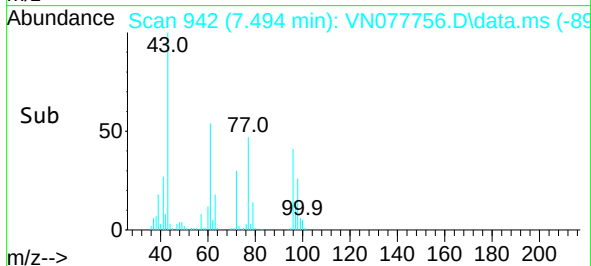
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBSD01



Tgt Ion: 96 Resp: 9998
 Ion Ratio Lower Upper
 96 100
 61 140.8 0.0 255.2
 98 66.2 0.0 128.8

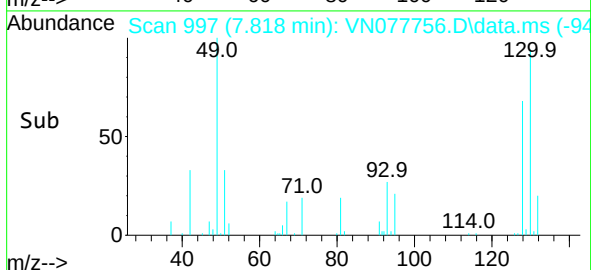
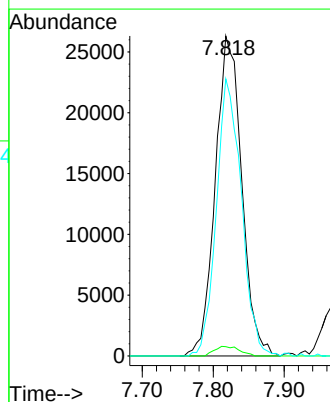
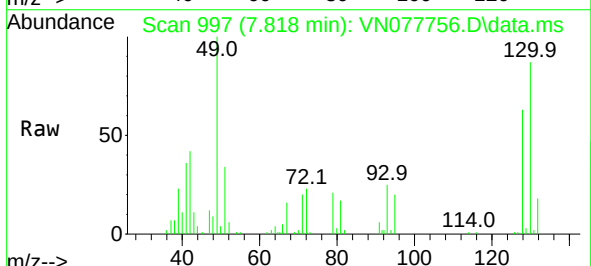
Manual Integrations
 APPROVED

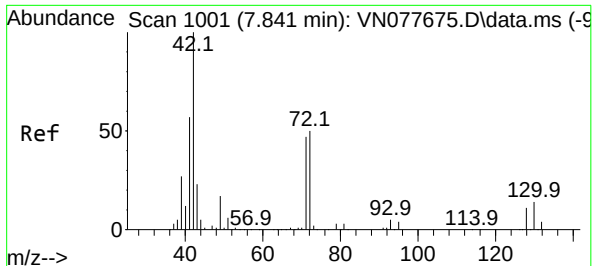
Reviewed By :John Carlone 05/22/2023
 Supervised By :Mahesh Dadoda 05/22/2023



#28
 Bromochloromethane
 Concen: 18.559 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN077756.D
 Acq: 19 May 2023 12:04

Tgt Ion: 49 Resp: 67902
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 4.8
 130 81.9 75.3 112.9





#29

Tetrahydrofuran

Concen: 88.889 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN077756.D

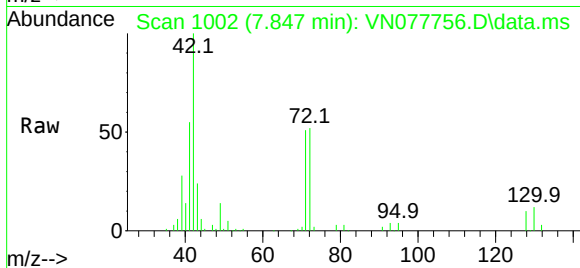
Acq: 19 May 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01



Tgt Ion: 42 Resp: 16342

Ion Ratio Lower Upper

42 100

72 49.8 49.8 74.6

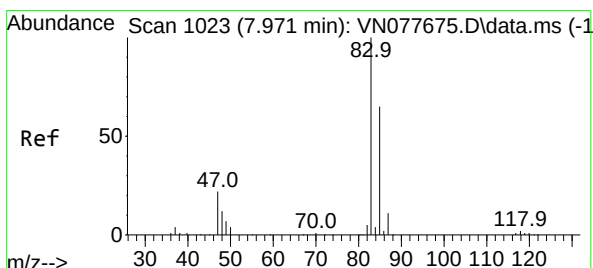
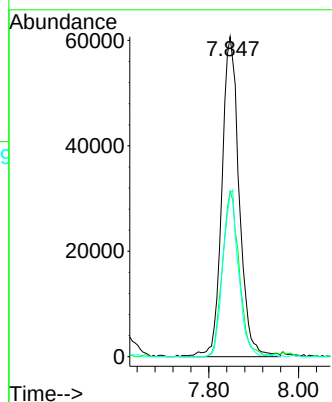
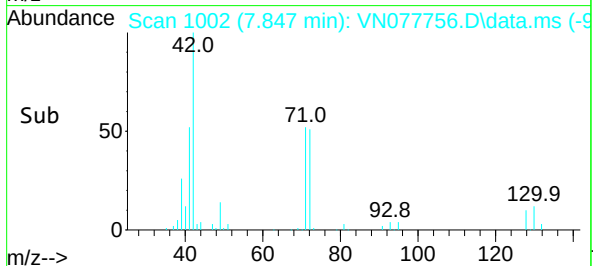
71 47.2 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#30

Chloroform

Concen: 18.568 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN077756.D

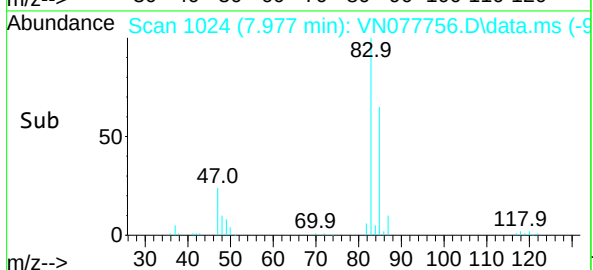
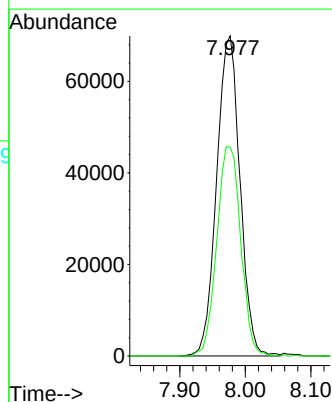
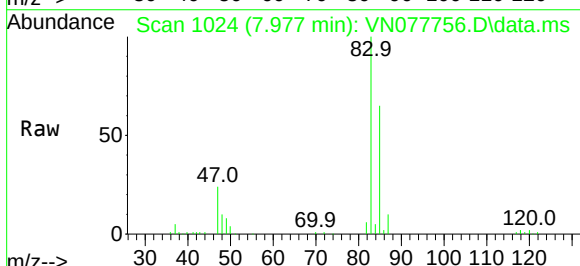
Acq: 19 May 2023 12:04

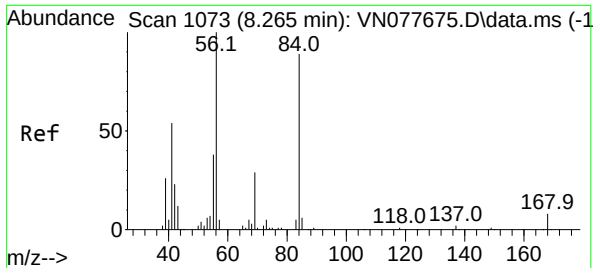
Tgt Ion: 83 Resp: 172802

Ion Ratio Lower Upper

83 100

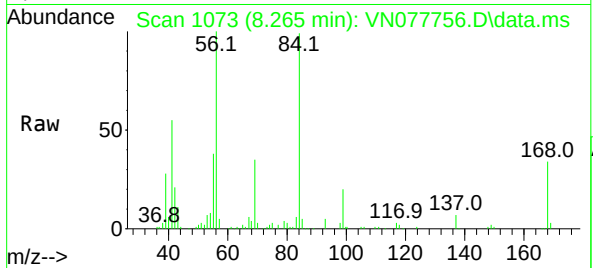
85 65.3 55.4 83.0





#31
Cyclohexane
Concen: 17.059 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

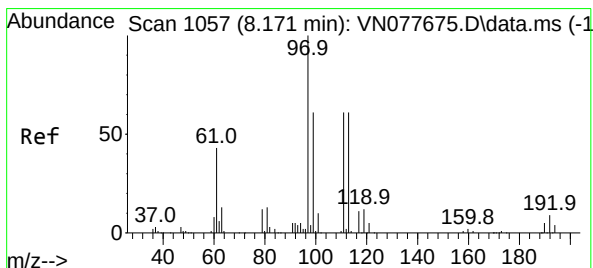
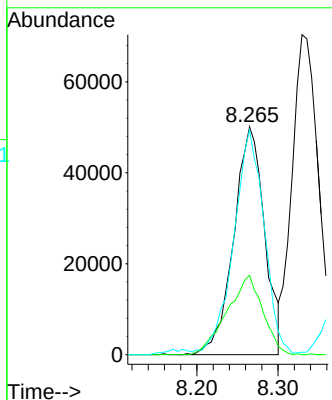
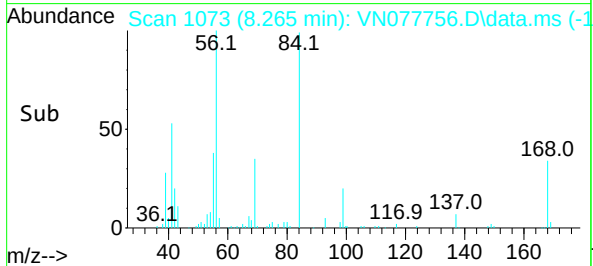
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



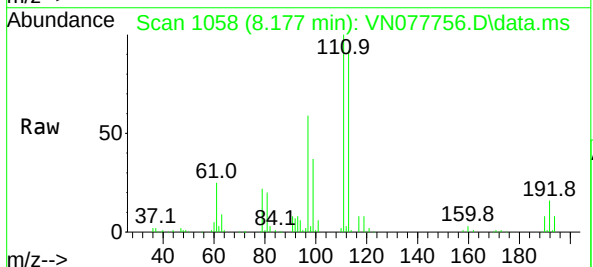
Tgt Ion: 56 Resp: 132272
Ion Ratio Lower Upper
56 100
69 34.8 26.8 40.2
84 97.3 81.8 122.6

Manual Integrations
APPROVED

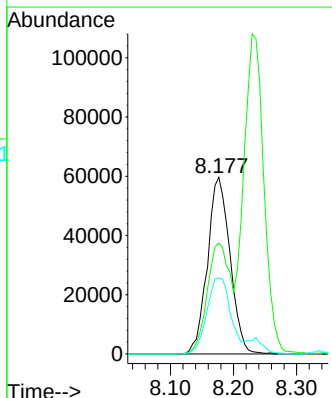
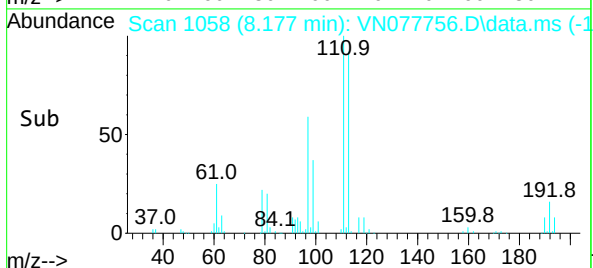
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

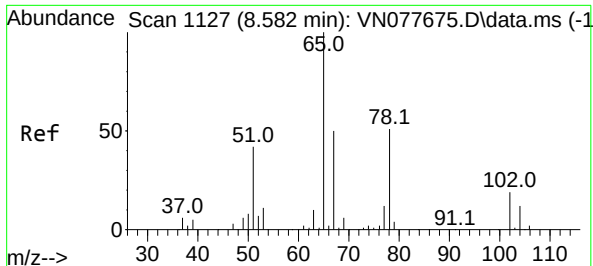


#32
1,1,1-Trichloroethane
Concen: 18.721 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04



Tgt Ion: 97 Resp: 148122
Ion Ratio Lower Upper
97 100
99 63.6 50.3 75.5
61 46.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.720 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN077756.D

Acq: 19 May 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01

Tgt Ion: 65 Resp: 277949

Ion Ratio Lower Upper

65 100

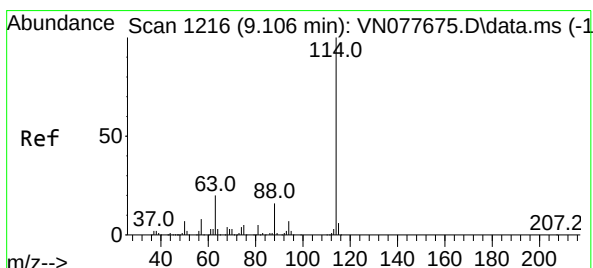
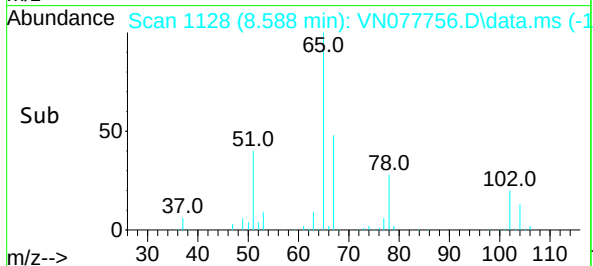
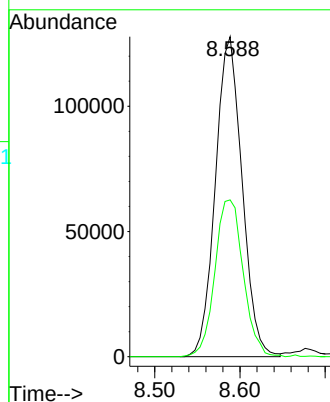
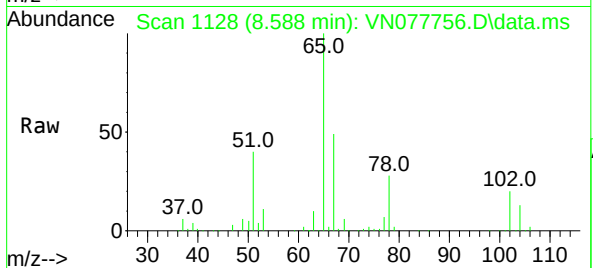
67 52.0 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN077756.D

Acq: 19 May 2023 12:04

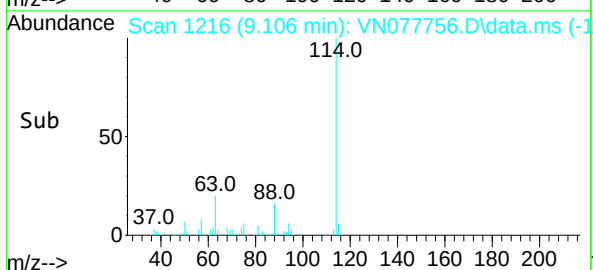
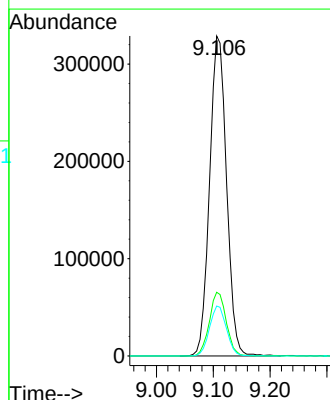
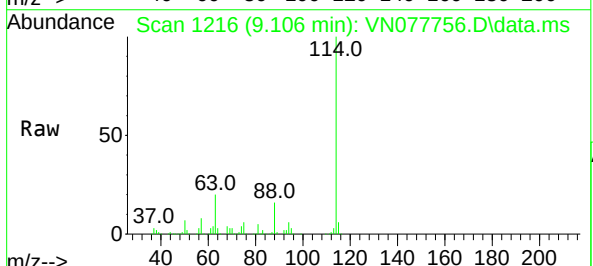
Tgt Ion:114 Resp: 678990

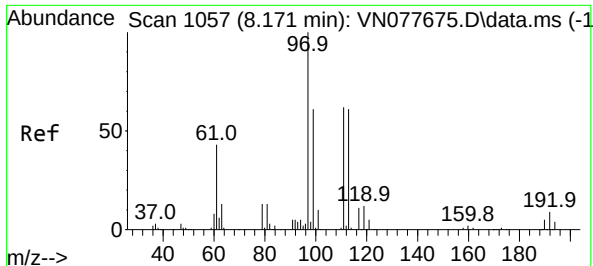
Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.4

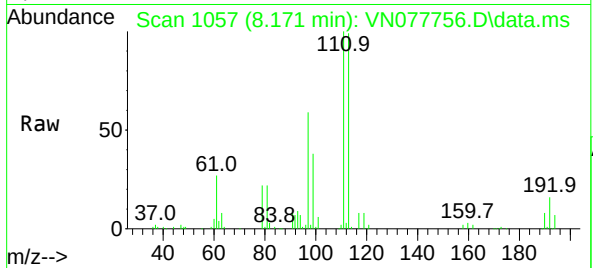
88 15.6 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.864 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

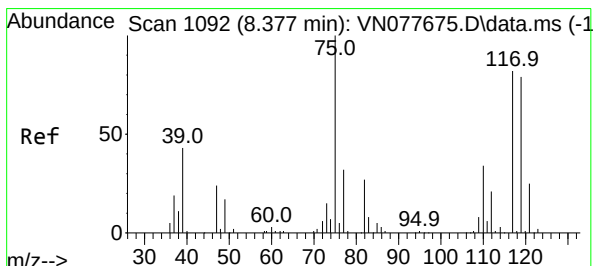
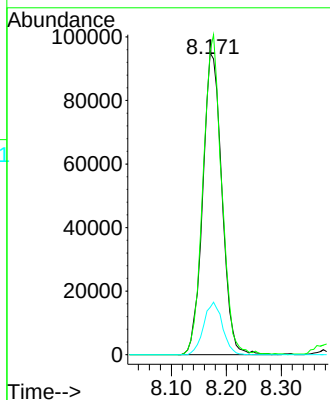
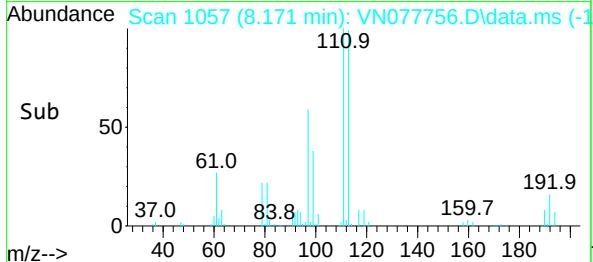
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



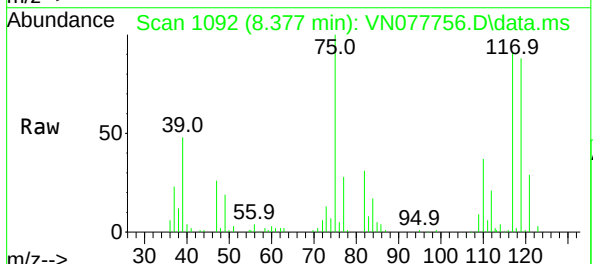
Tgt Ion: 113 Resp: 229632
Ion Ratio Lower Upper
113 100
111 102.9 82.6 123.8
192 17.1 12.7 19.1

Manual Integrations
APPROVED

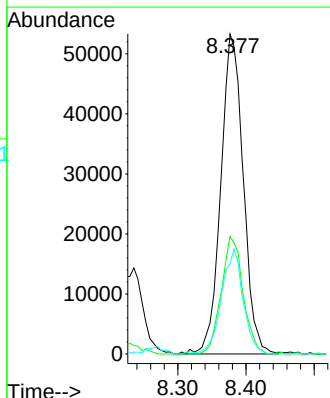
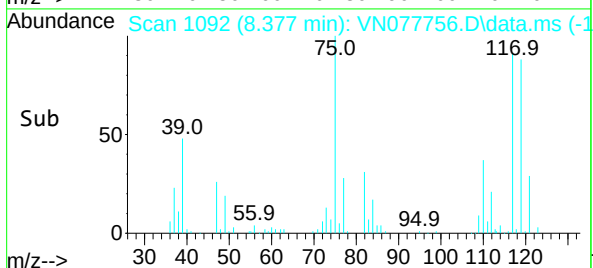
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

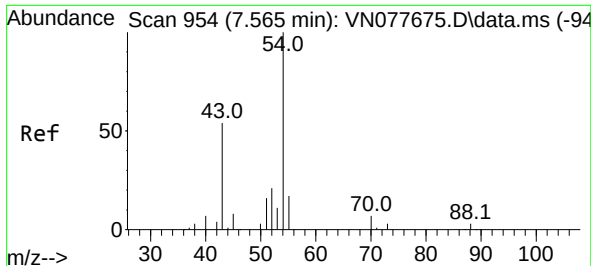


#36
1,1-Dichloropropene
Concen: 18.873 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04



Tgt Ion: 75 Resp: 122220
Ion Ratio Lower Upper
75 100
110 35.4 19.1 57.3
77 31.7 25.0 37.4





#37

Ethyl Acetate

Concen: 17.561 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN077756.D

Acq: 19 May 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01

Tgt Ion: 43 Resp: 10136

Ion Ratio Lower Upper

43 100

61 15.4 13.2 19.8

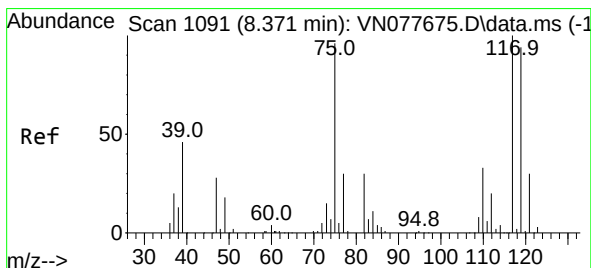
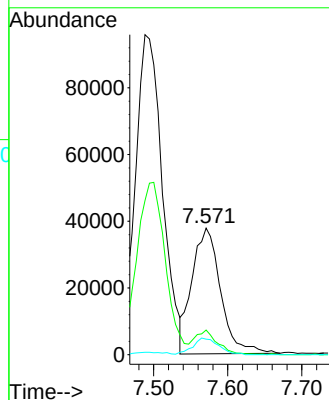
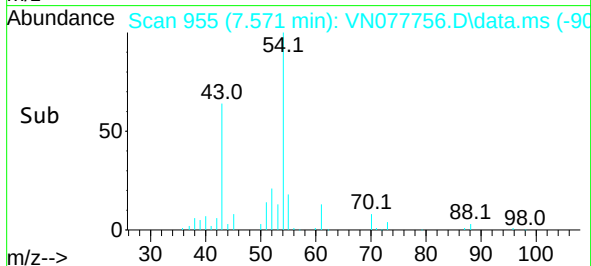
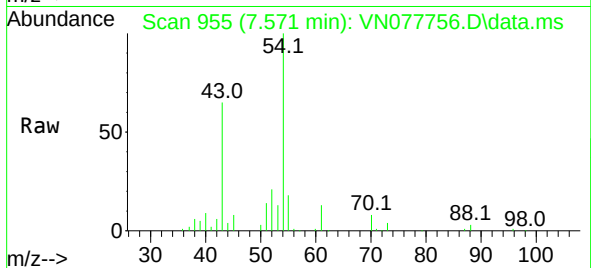
70 11.9 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#38

Carbon Tetrachloride

Concen: 19.405 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN077756.D

Acq: 19 May 2023 12:04

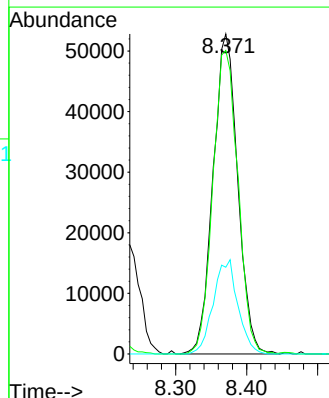
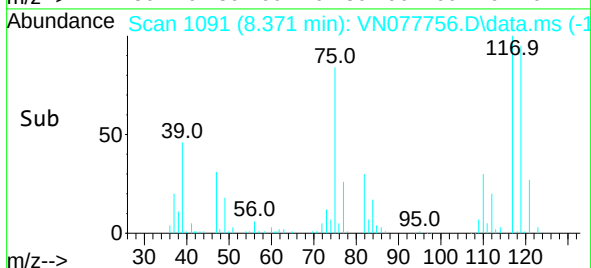
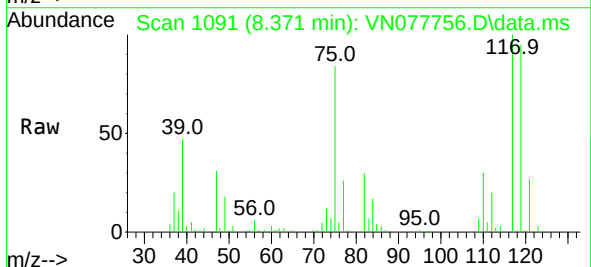
Tgt Ion:117 Resp: 126898

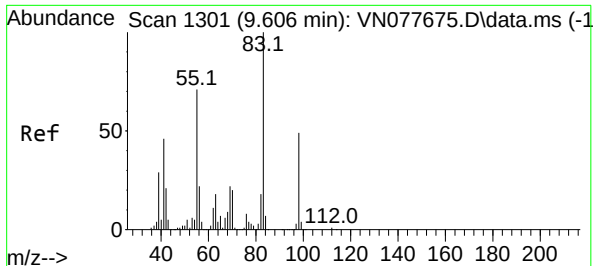
Ion Ratio Lower Upper

117 100

119 94.9 77.3 115.9

121 27.1 23.3 34.9





#39

Methylcyclohexane

Concen: 18.589 ug/l

RT: 9.612 min Scan# 11302

Delta R.T. 0.006 min

Lab File: VN077756.D

Acq: 19 May 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01

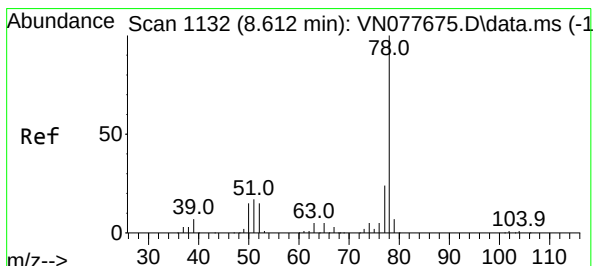
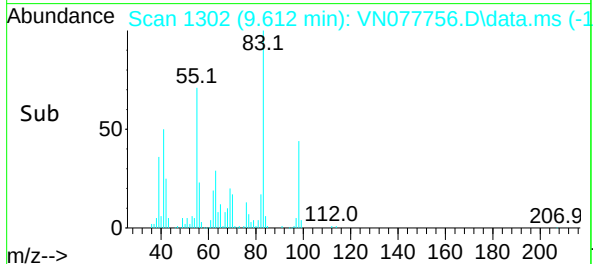
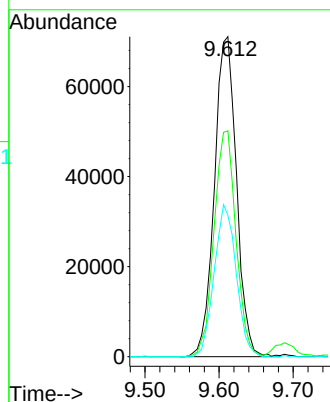
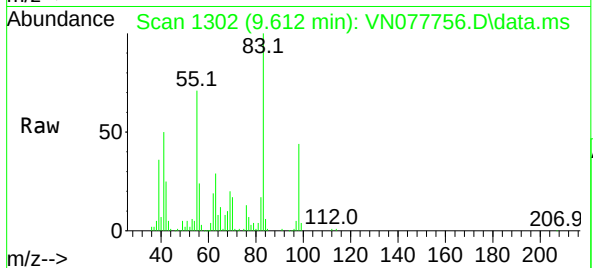
Tgt Ion:	83	Resp:	147378
Ion Ratio	Lower	Upper	
83	100		
55	70.6	49.1	73.7
98	44.2	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#40

Benzene

Concen: 19.425 ug/l

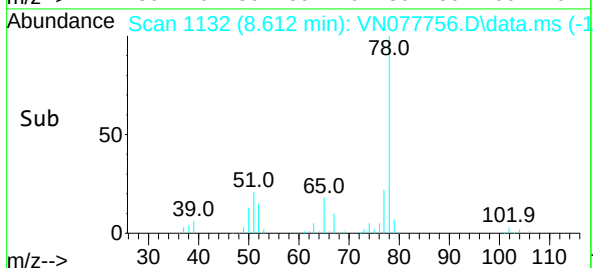
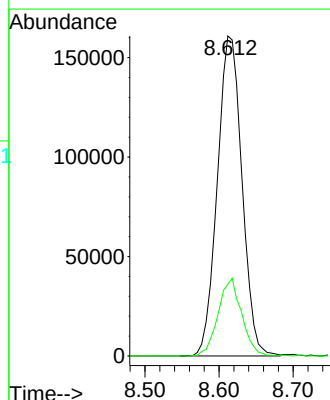
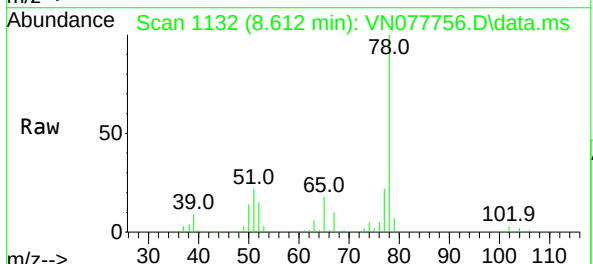
RT: 8.612 min Scan# 1132

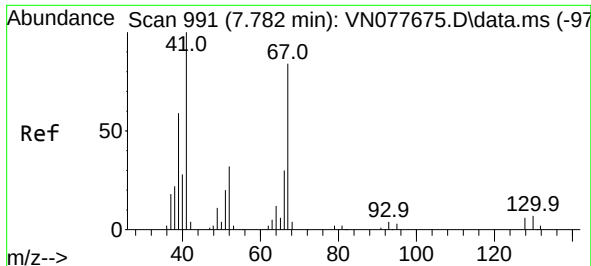
Delta R.T. -0.000 min

Lab File: VN077756.D

Acq: 19 May 2023 12:04

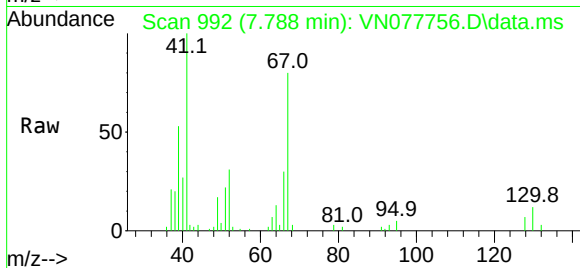
Tgt Ion:	78	Resp:	371224
Ion Ratio	Lower	Upper	
78	100		
77	22.4	19.0	28.6





#41
Methacrylonitrile
Concen: 18.333 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

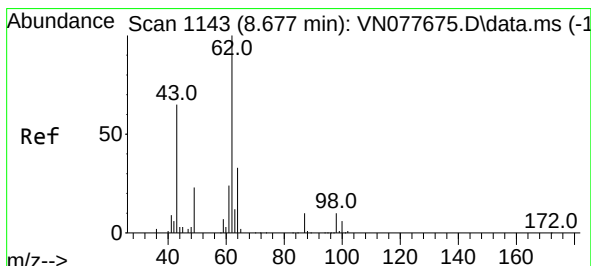
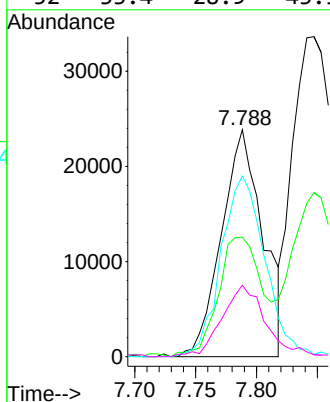
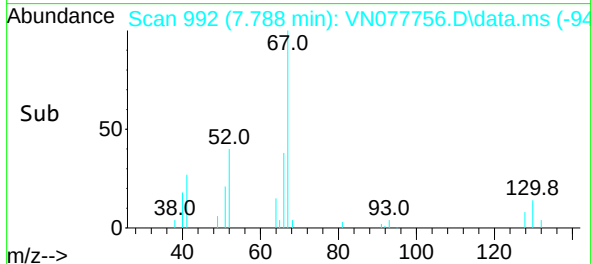
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



Tgt Ion: 41 Resp: 5635
Ion Ratio Lower Upper
41 100
39 54.8 42.6 64.0
67 84.7 77.5 116.3
52 33.4 28.9 43.3

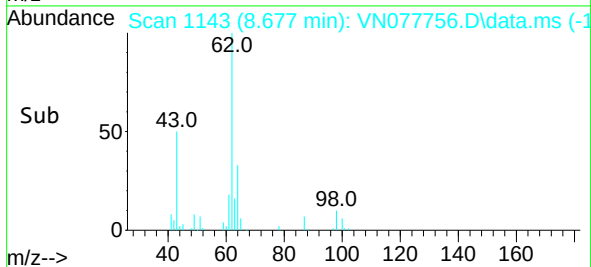
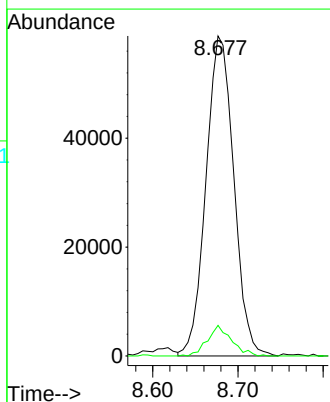
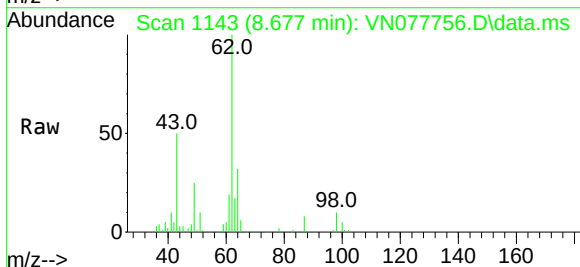
Manual Integrations
APPROVED

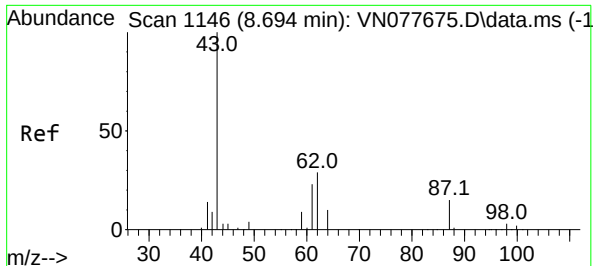
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#42
1,2-Dichloroethane
Concen: 19.219 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

Tgt Ion: 62 Resp: 133421
Ion Ratio Lower Upper
62 100
98 8.3 0.0 19.8





#43

Isopropyl Acetate

Concen: 18.512 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN077756.D

Acq: 19 May 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01

Tgt Ion: 43 Resp: 17453

Ion Ratio Lower Upper

43 100

61 29.1 24.7 37.1

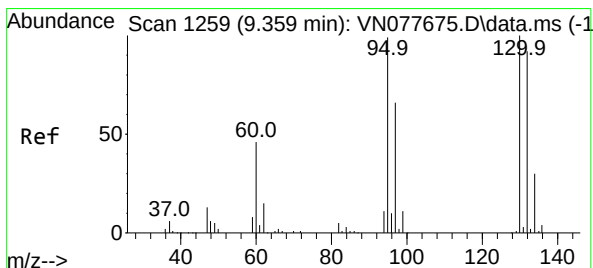
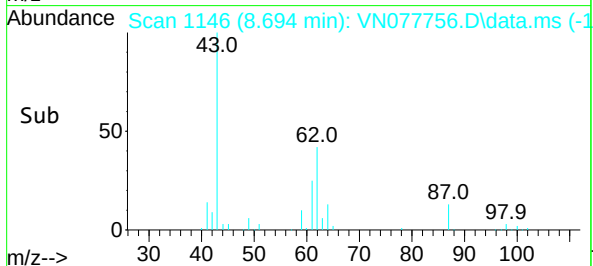
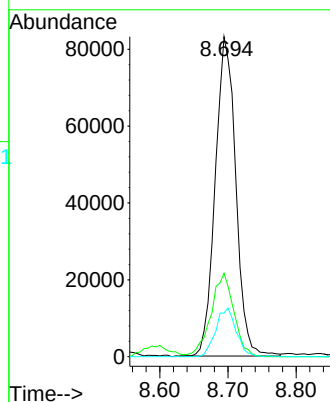
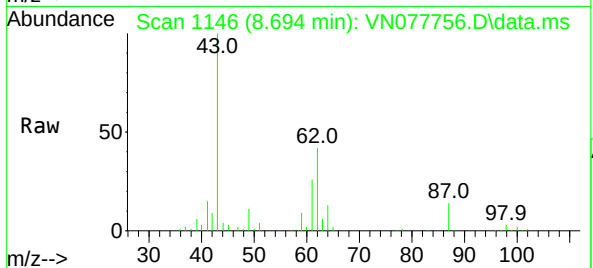
87 15.2 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#44

Trichloroethene

Concen: 19.912 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VN077756.D

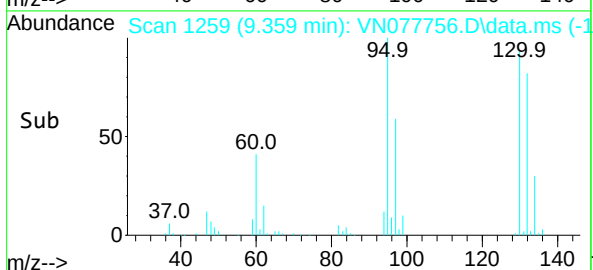
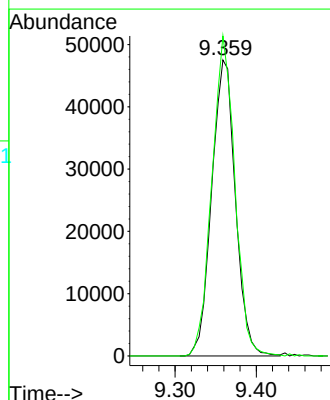
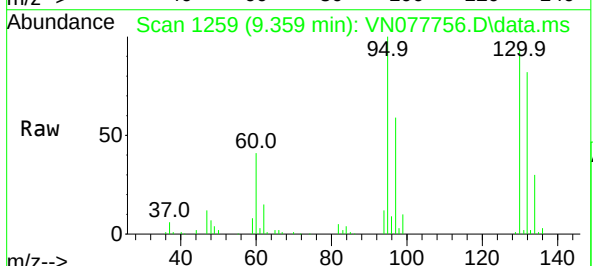
Acq: 19 May 2023 12:04

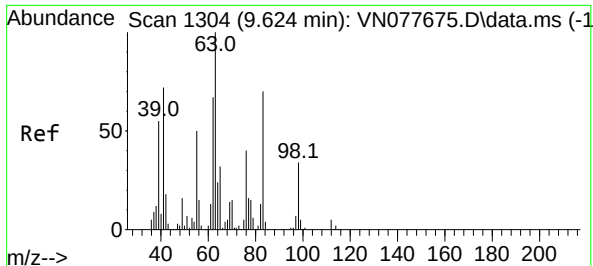
Tgt Ion:130 Resp: 96356

Ion Ratio Lower Upper

130 100

95 108.1 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.510 ug/l

RT: 9.629 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN077756.D

Acq: 19 May 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01

Tgt Ion: 63 Resp: 9510

Ion Ratio Lower Upper

63 100

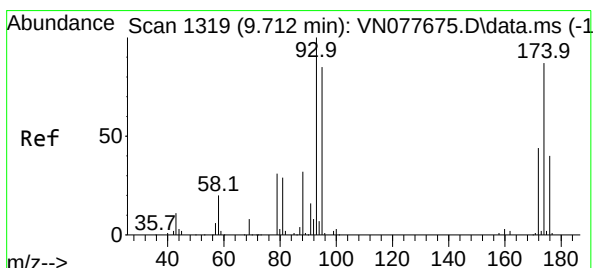
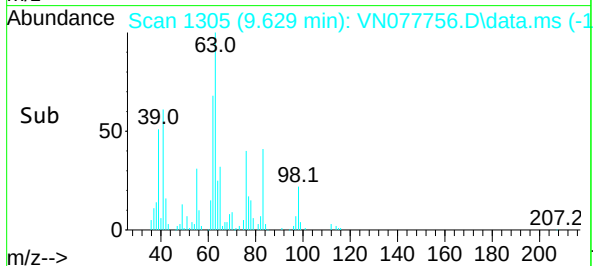
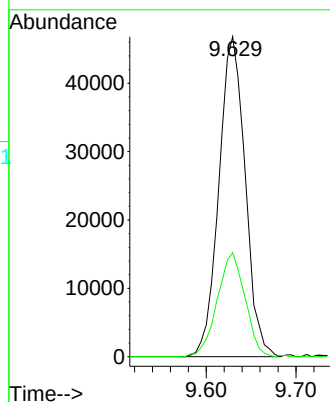
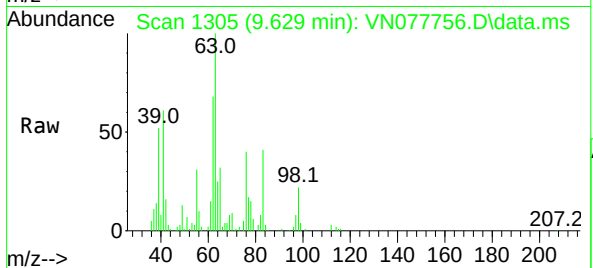
65 32.5 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#46

Dibromomethane

Concen: 18.790 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077756.D

Acq: 19 May 2023 12:04

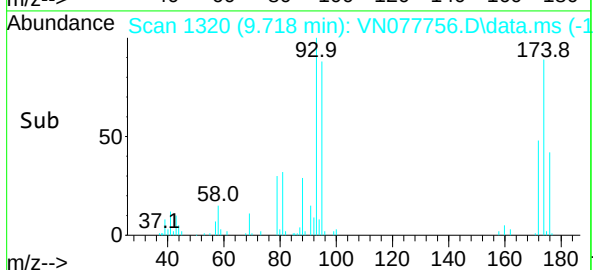
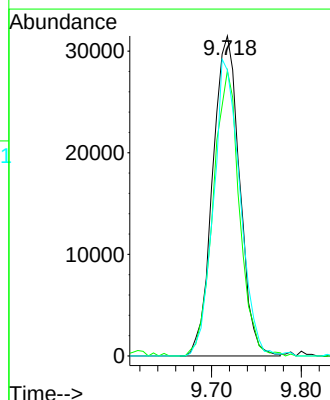
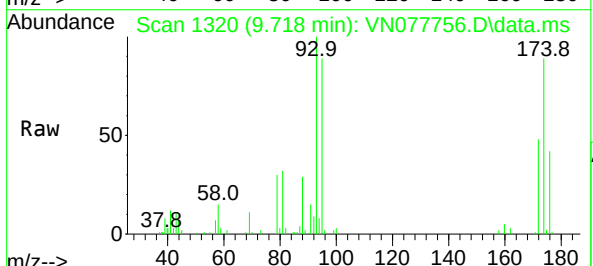
Tgt Ion: 93 Resp: 65540

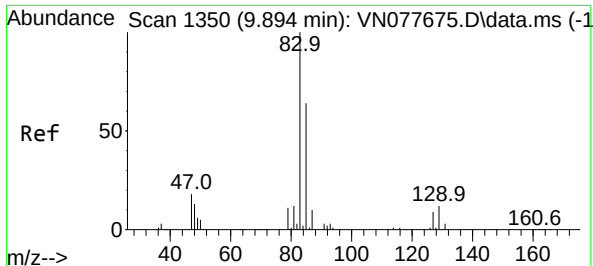
Ion Ratio Lower Upper

93 100

95 86.8 63.8 95.8

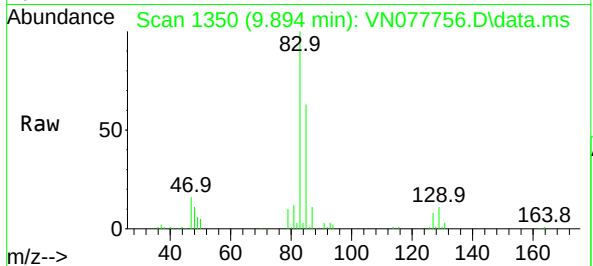
174 91.3 65.6 98.4





#47
Bromodichloromethane
Concen: 20.154 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

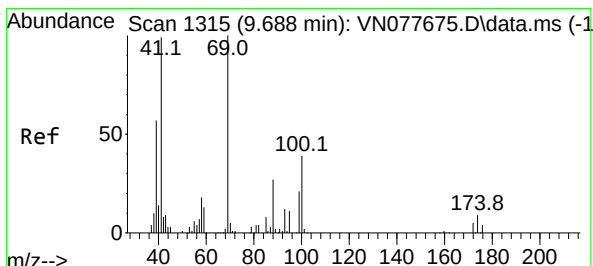
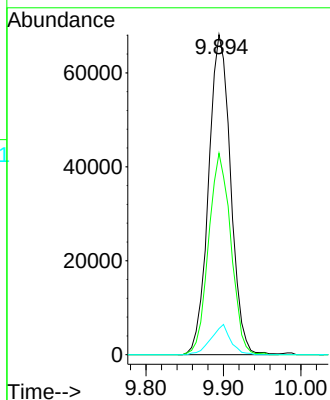
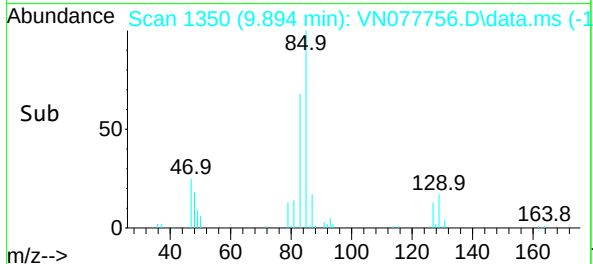
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



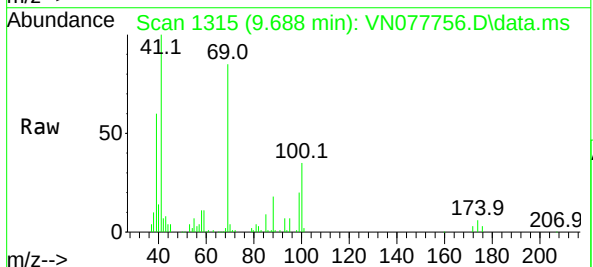
Tgt Ion: 83 Resp: 134580
Ion Ratio Lower Upper
83 100
85 62.9 49.6 74.4
127 8.1 7.0 10.6

Manual Integrations
APPROVED

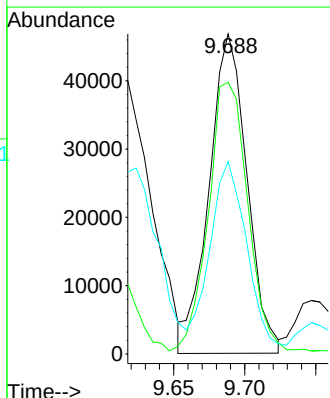
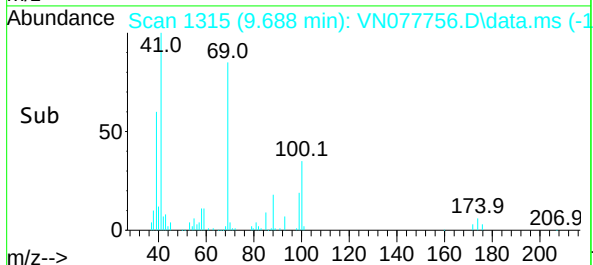
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

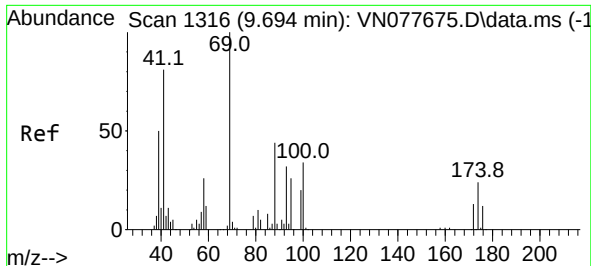


#48
Methyl methacrylate
Concen: 19.352 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04



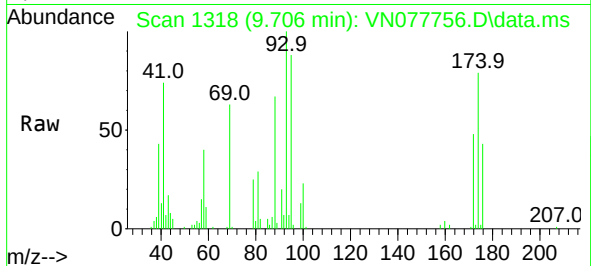
Tgt Ion: 41 Resp: 86504
Ion Ratio Lower Upper
41 100
69 90.9 90.4 135.6
39 59.5 54.6 81.8





#49
1,4-Dioxane
Concen: 402.233 ug/l
RT: 9.706 min Scan# 1316
Delta R.T. 0.012 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

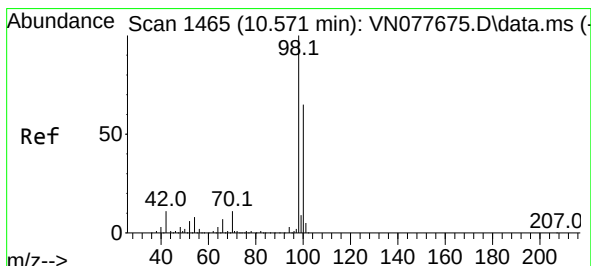
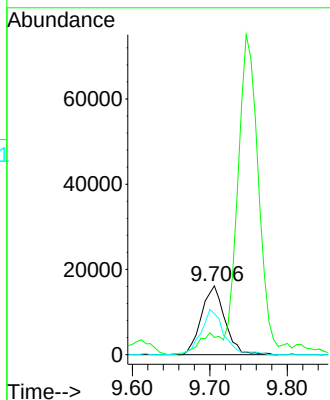
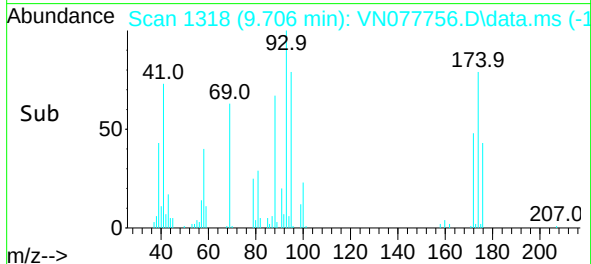
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



Tgt Ion: 88 Resp: 33960
Ion Ratio Lower Upper
88 100
43 22.3 17.0 25.6
58 64.5 47.0 70.4

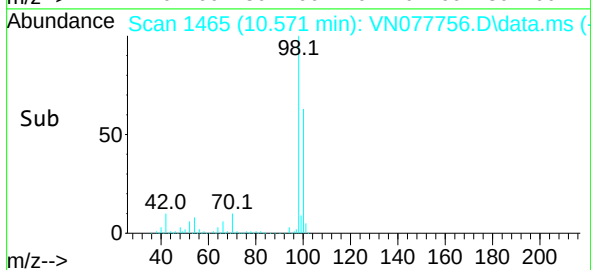
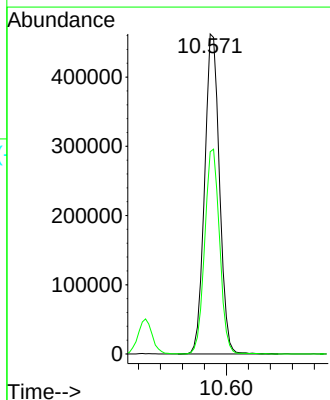
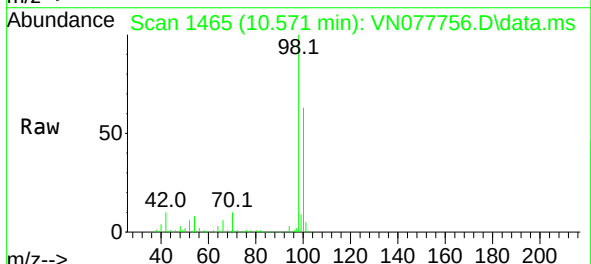
Manual Integrations
APPROVED

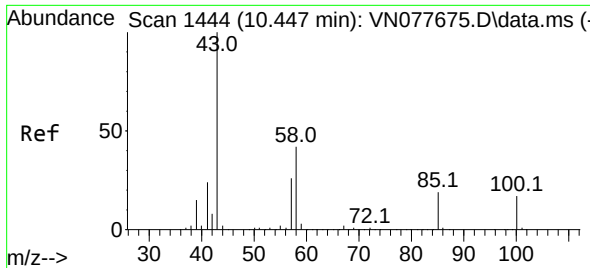
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#50
Toluene-d8
Concen: 50.853 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

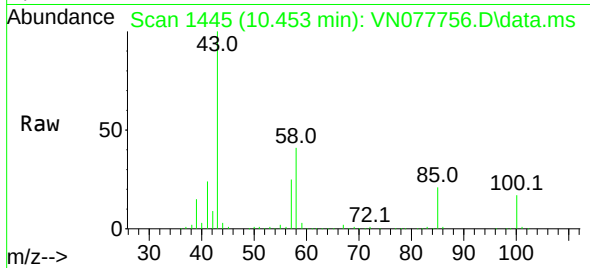
Tgt Ion: 98 Resp: 866653
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 93.928 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

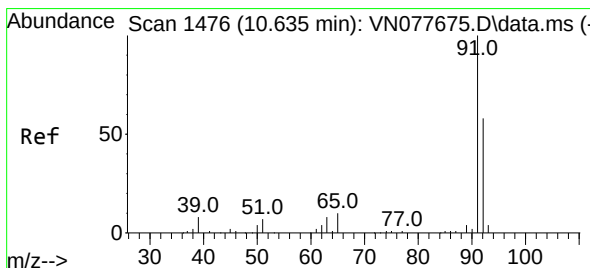
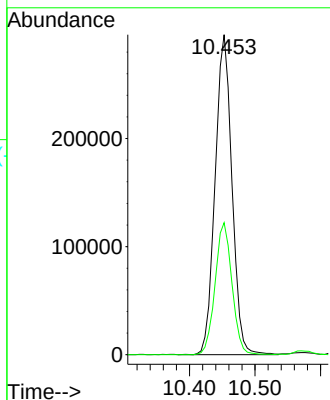
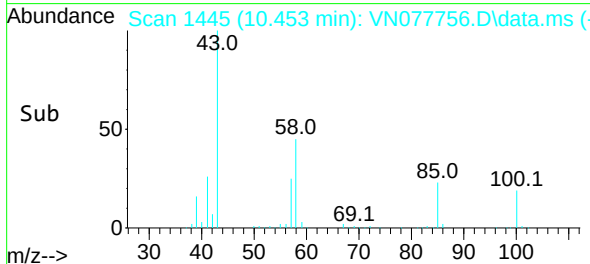
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



Tgt Ion: 43 Resp: 526398
Ion Ratio Lower Upper
43 100
58 41.4 36.6 54.8

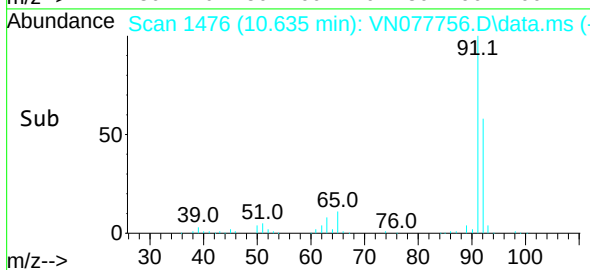
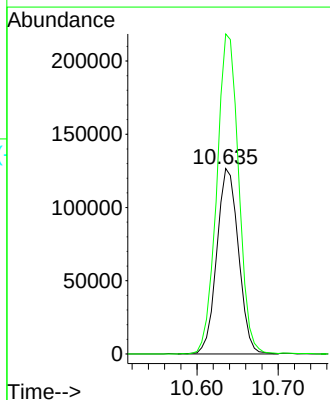
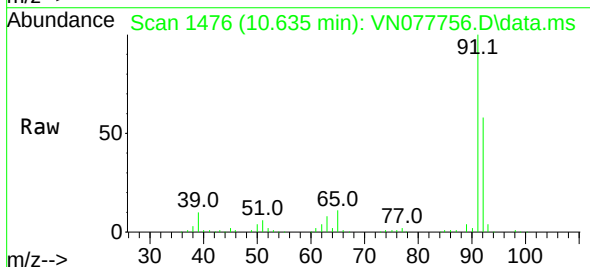
Manual Integrations
APPROVED

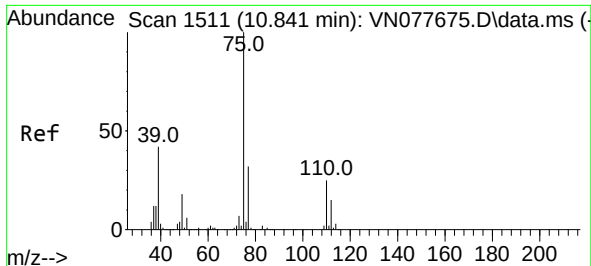
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#52
Toluene
Concen: 19.801 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

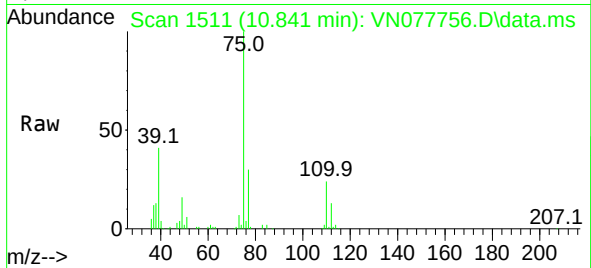
Tgt Ion: 92 Resp: 235581
Ion Ratio Lower Upper
92 100
91 173.8 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 19.414 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

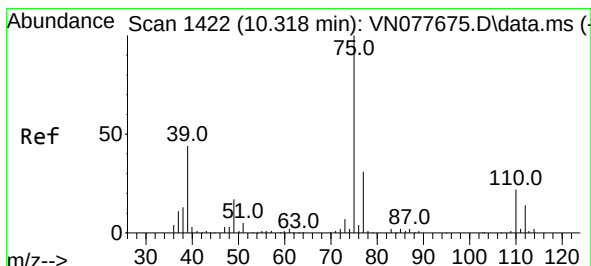
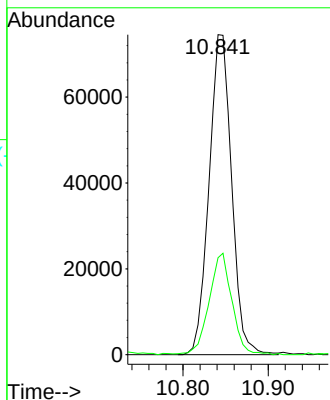
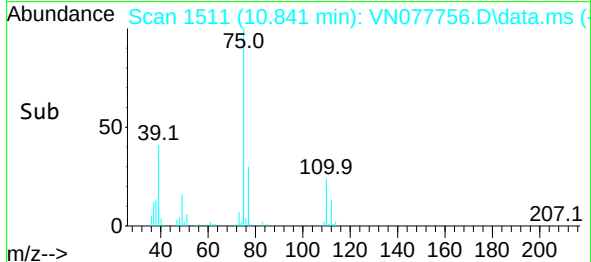
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



Tgt Ion: 75 Resp: 137288
Ion Ratio Lower Upper
75 100
77 30.0 25.4 38.0

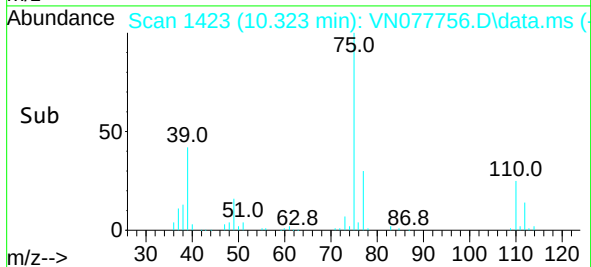
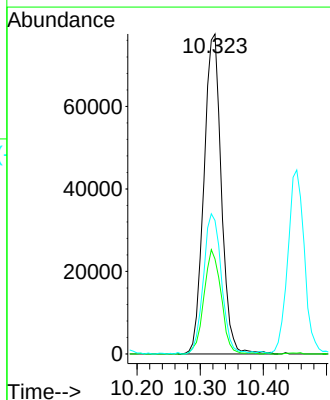
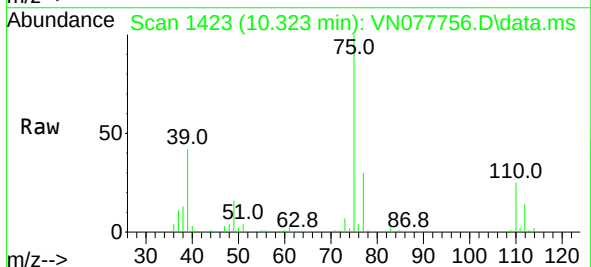
Manual Integrations
APPROVED

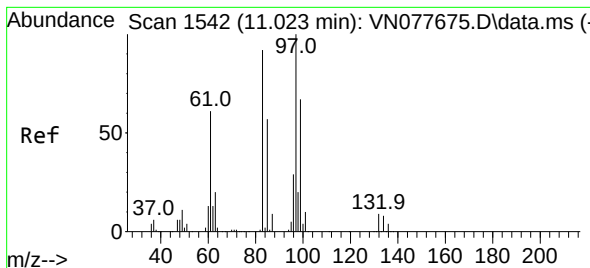
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#54
cis-1,3-Dichloropropene
Concen: 19.110 ug/l
RT: 10.323 min Scan# 1423
Delta R.T. 0.005 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

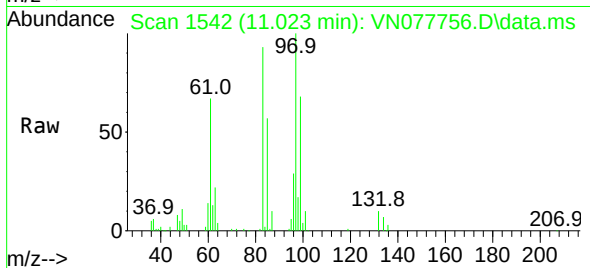
Tgt Ion: 75 Resp: 148923
Ion Ratio Lower Upper
75 100
77 29.6 26.1 39.1
39 41.3 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 19.666 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

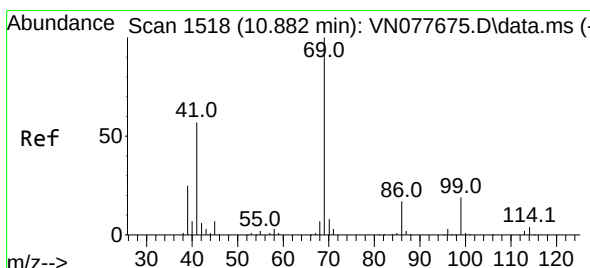
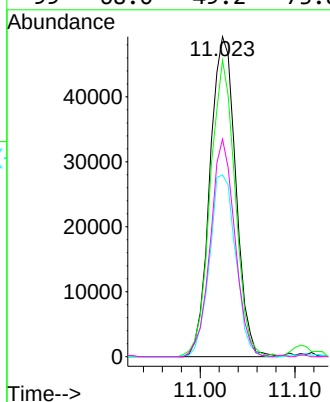
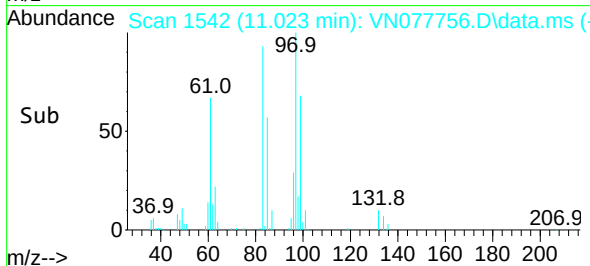
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



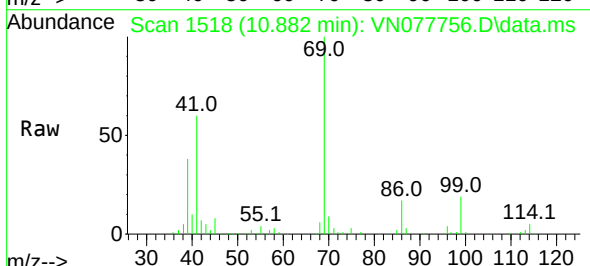
Tgt Ion:	97	Resp:	9290
Ion Ratio	Lower	Upper	
97	100		
83	92.7	65.1	97.7
85	56.8	43.4	65.2
99	68.0	49.2	73.8

Manual Integrations
APPROVED

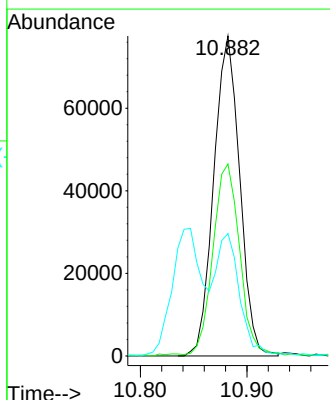
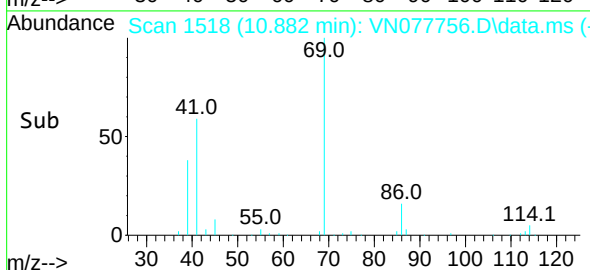
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

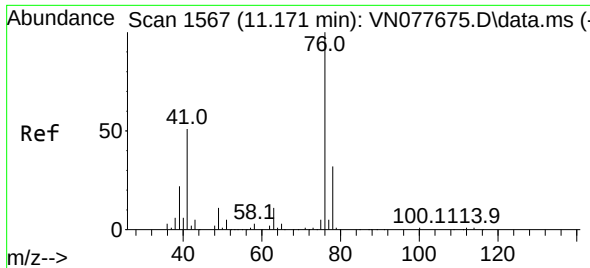


#56
Ethyl methacrylate
Concen: 18.340 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04



Tgt Ion:	69	Resp:	130995
Ion Ratio	Lower	Upper	
69	100		
41	62.8	39.6	59.4
39	34.8	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.970 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.001 min

Lab File: VN077756.D

Acq: 19 May 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01

Tgt Ion: 76 Resp: 16172

Ion Ratio Lower Upper

76 100

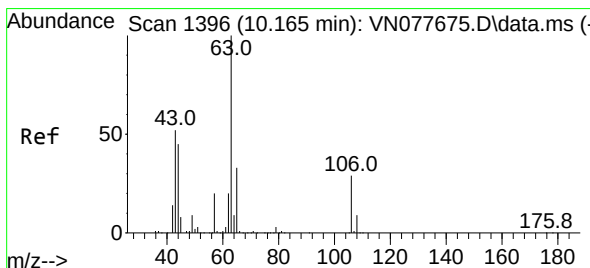
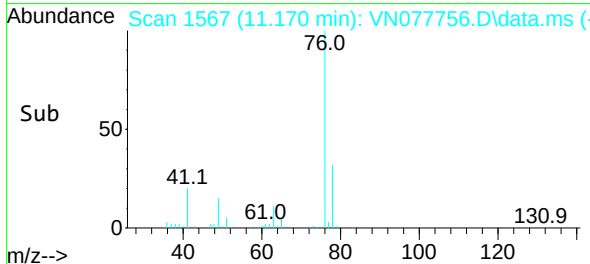
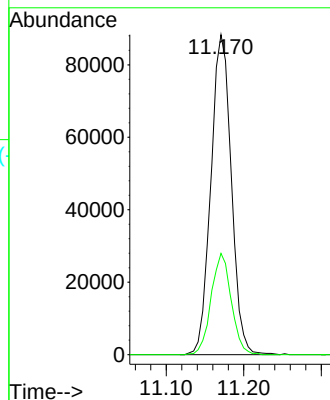
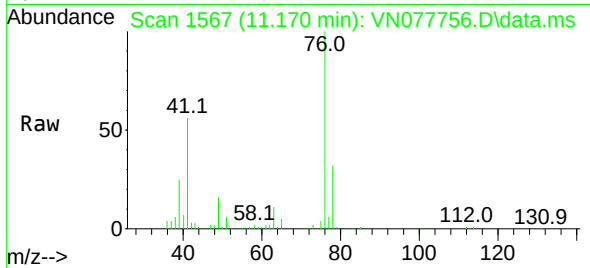
78 31.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 92.405 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077756.D

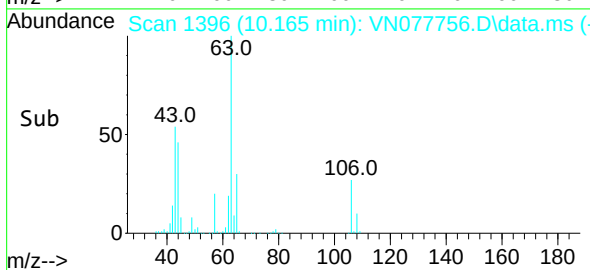
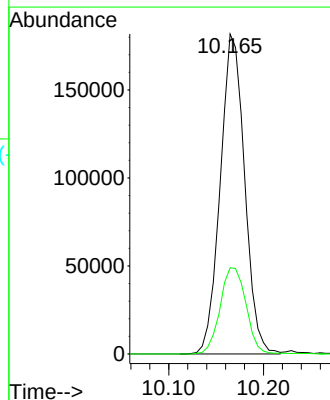
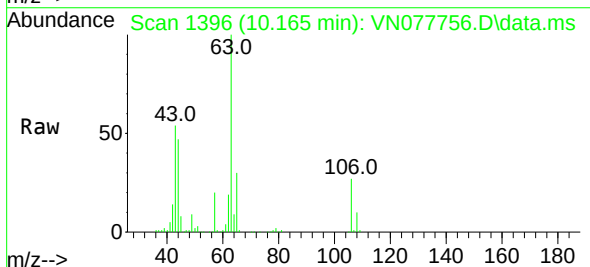
Acq: 19 May 2023 12:04

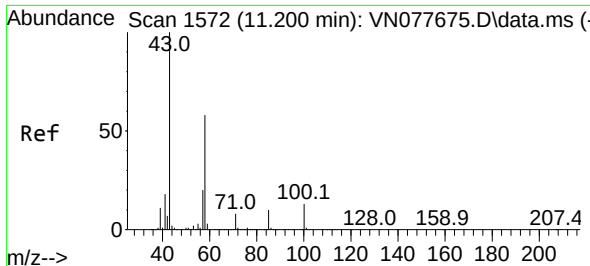
Tgt Ion: 63 Resp: 324700

Ion Ratio Lower Upper

63 100

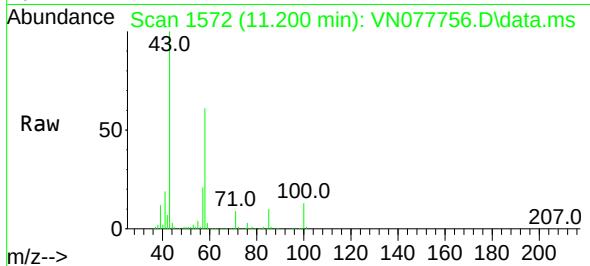
106 28.7 26.2 39.4





#59
2-Hexanone
Concen: 87.279 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

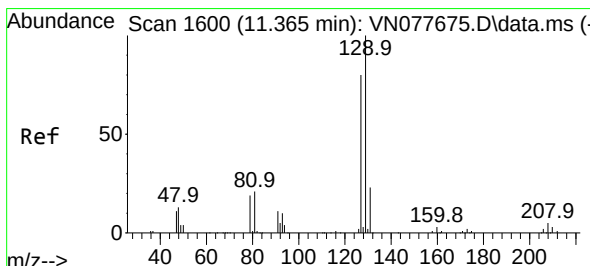
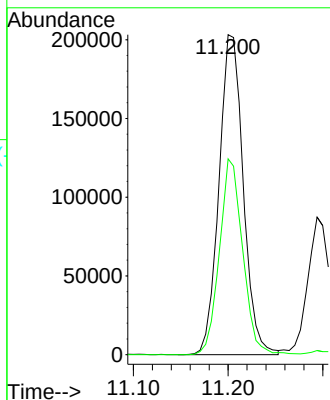
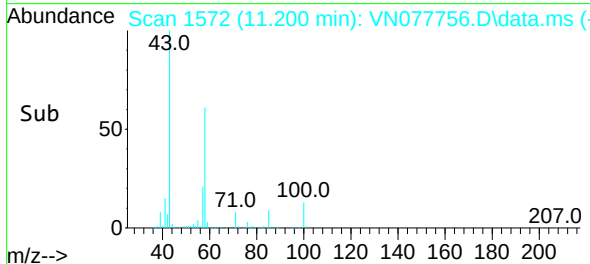
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



Tgt Ion: 43 Resp: 361790
Ion Ratio Lower Upper
43 100
58 58.7 31.7 95.1

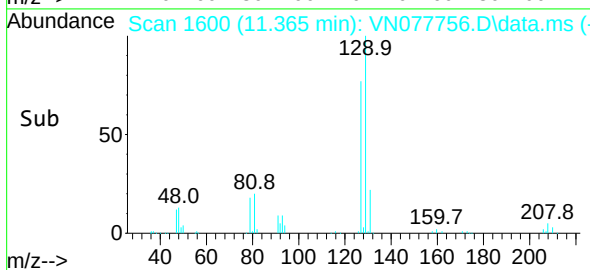
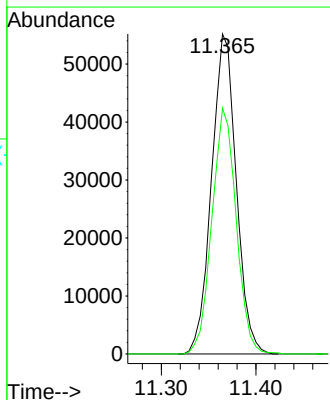
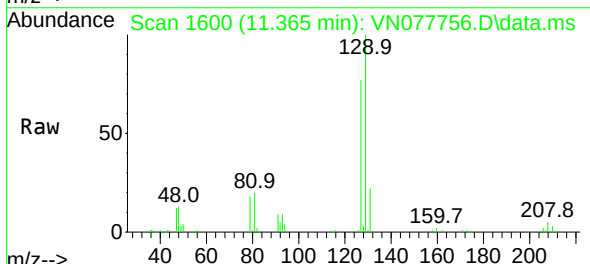
Manual Integrations
APPROVED

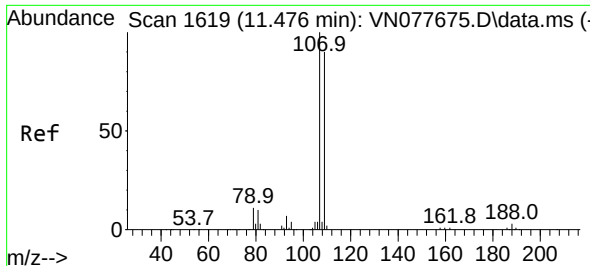
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#60
Dibromochloromethane
Concen: 20.539 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

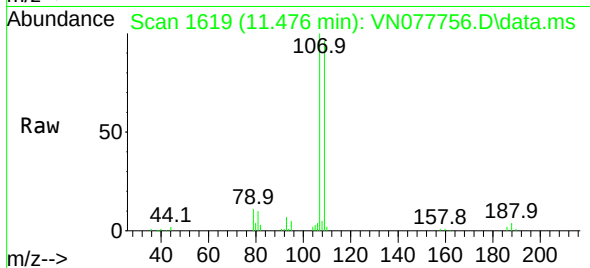
Tgt Ion:129 Resp: 100165
Ion Ratio Lower Upper
129 100
127 75.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.654 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

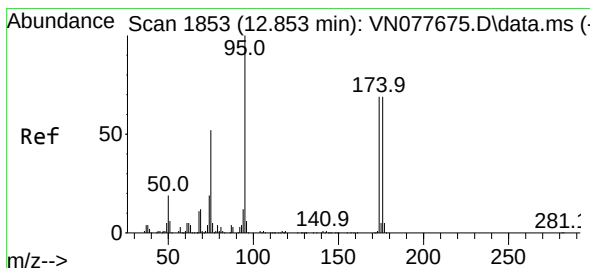
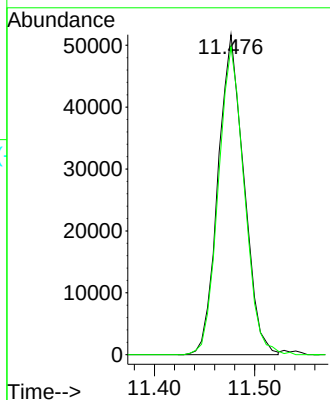
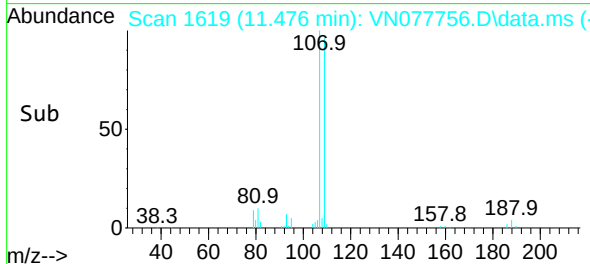
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



Tgt Ion: 107 Resp: 92625
Ion Ratio Lower Upper
107 100
109 96.3 76.6 114.8

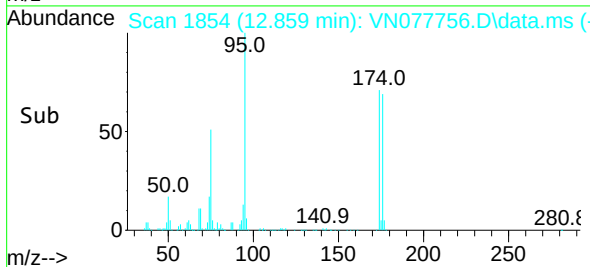
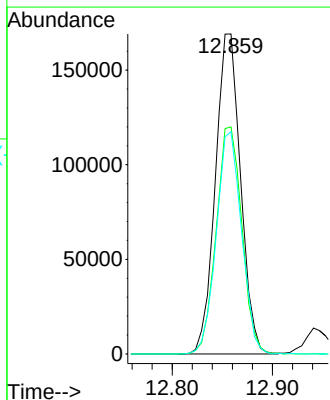
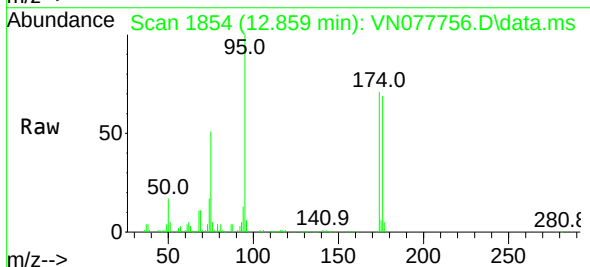
Manual Integrations
APPROVED

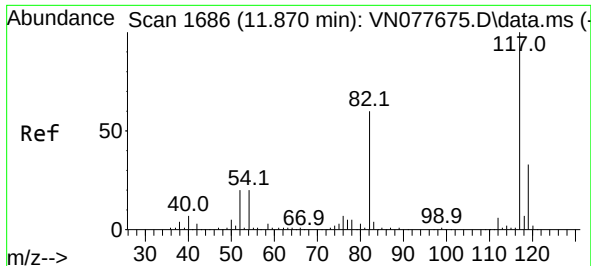
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#62
4-Bromofluorobenzene
Concen: 49.013 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

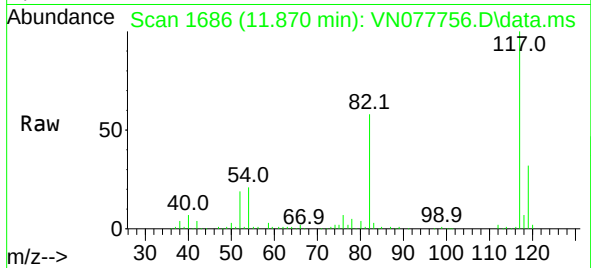
Tgt Ion: 95 Resp: 295008
Ion Ratio Lower Upper
95 100
174 72.3 0.0 143.8
176 69.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

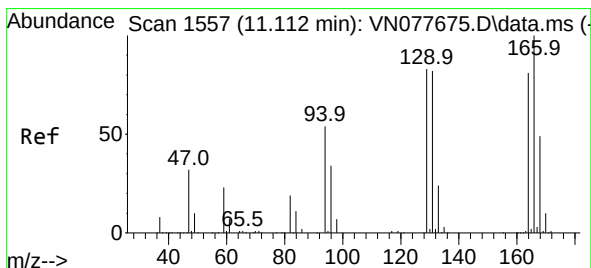
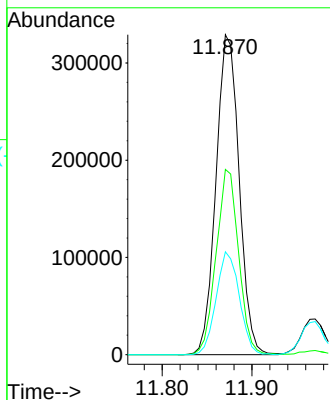
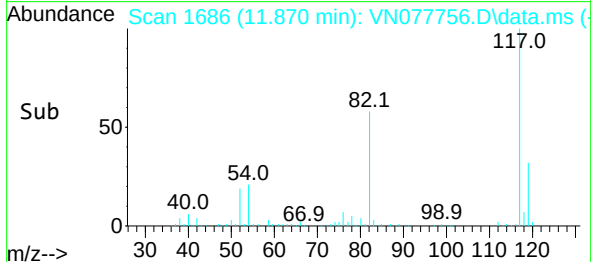
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



Tgt Ion:117 Resp: 590328
Ion Ratio Lower Upper
117 100
82 57.9 44.0 66.0
119 32.2 25.6 38.4

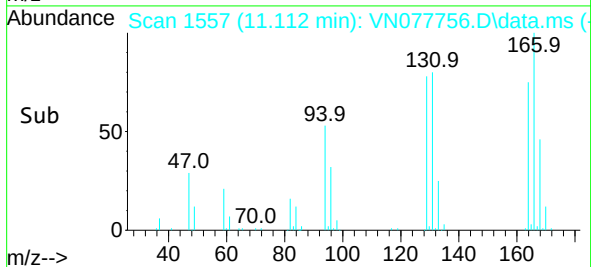
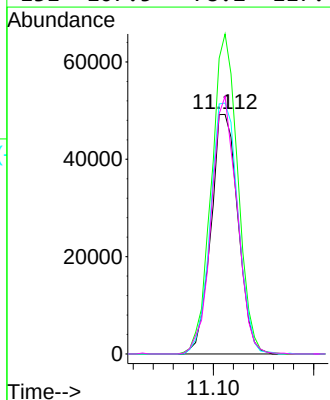
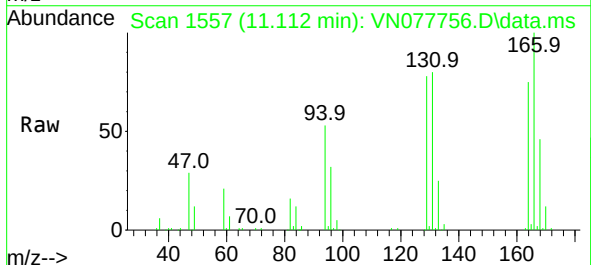
Manual Integrations
APPROVED

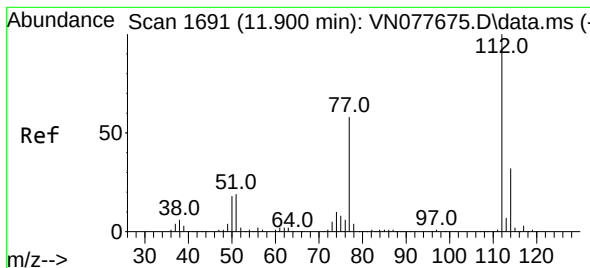
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#64
Tetrachloroethene
Concen: 22.301 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

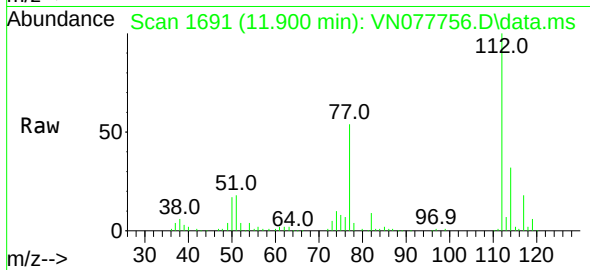
Tgt Ion:164 Resp: 92064
Ion Ratio Lower Upper
164 100
166 133.6 101.4 152.0
129 104.7 82.4 123.6
131 107.5 78.2 117.4





#65
Chlorobenzene
Concen: 19.630 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

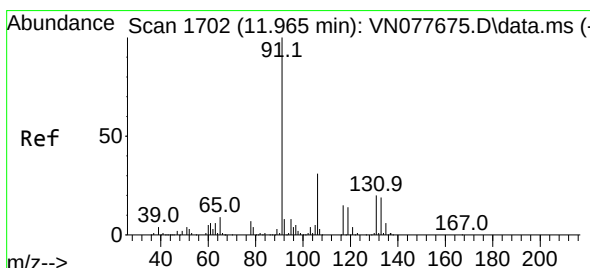
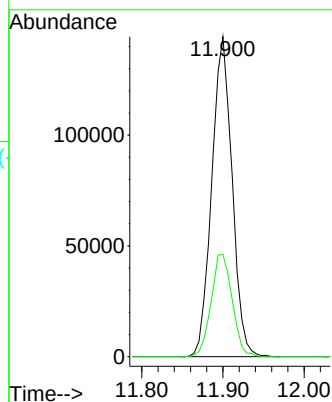
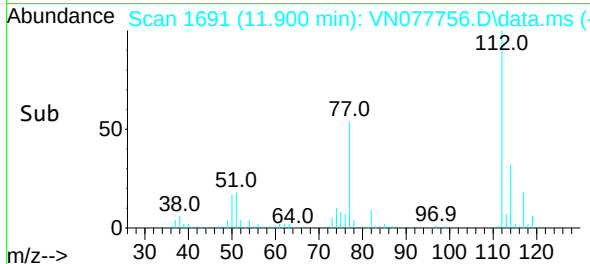
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



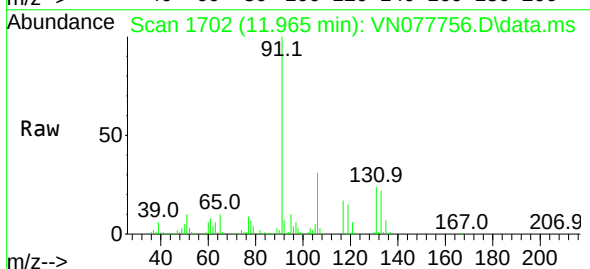
Tgt Ion:112 Resp: 251218
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.4

Manual Integrations
APPROVED

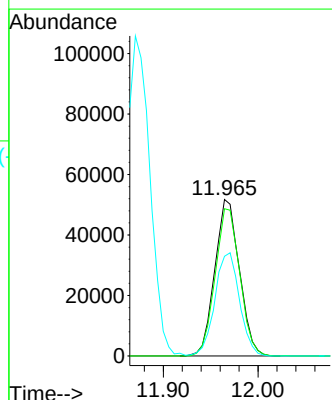
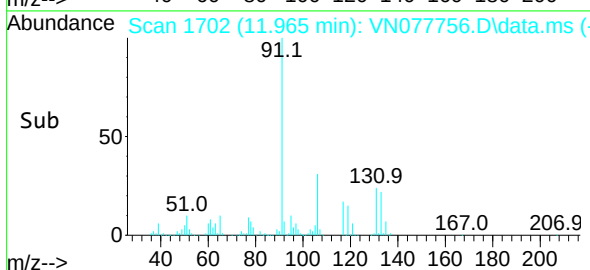
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

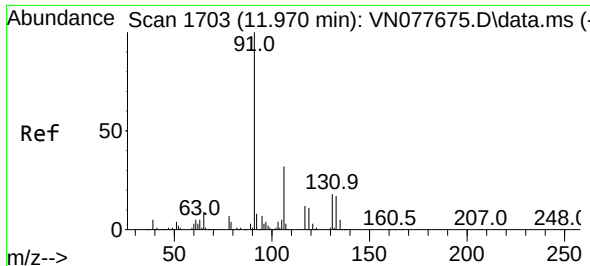


#66
1,1,1,2-Tetrachloroethane
Concen: 21.051 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04



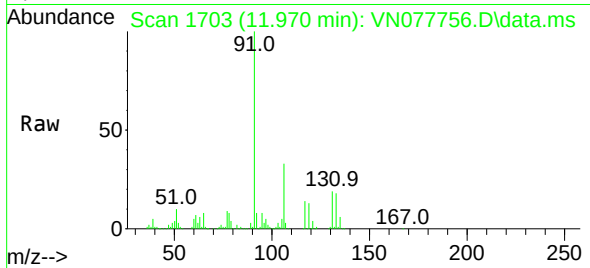
Tgt Ion:131 Resp: 93218
Ion Ratio Lower Upper
131 100
133 94.5 46.4 139.1
119 66.3 34.1 102.2





#67
Ethyl Benzene
Concen: 19.321 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

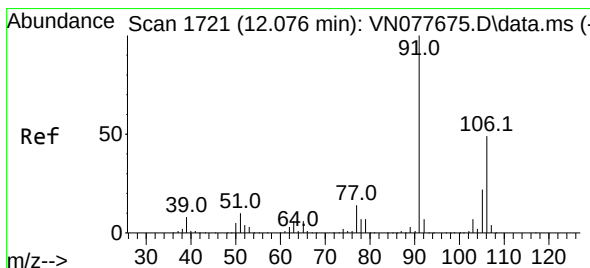
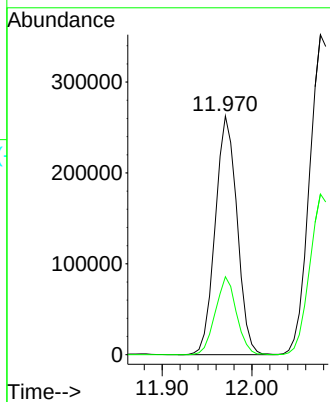
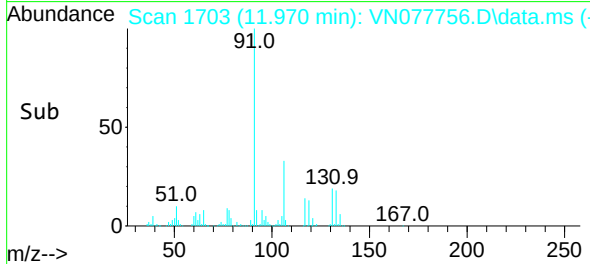
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



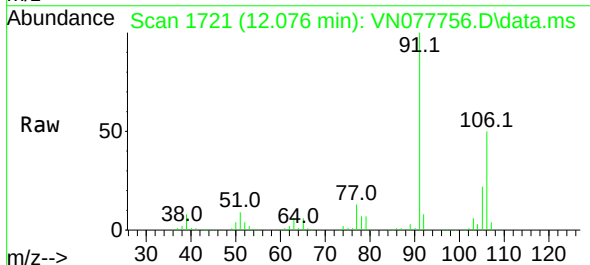
Tgt Ion: 91 Resp: 443110
Ion Ratio Lower Upper
91 100
106 32.7 25.6 38.4

Manual Integrations
APPROVED

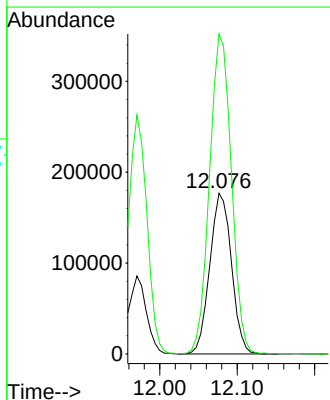
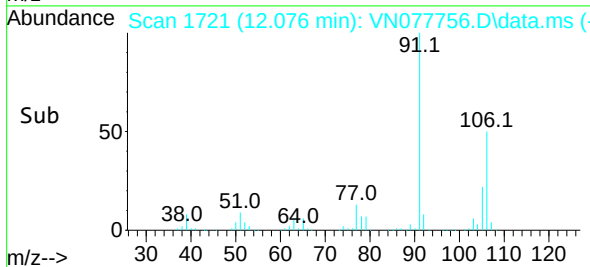
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

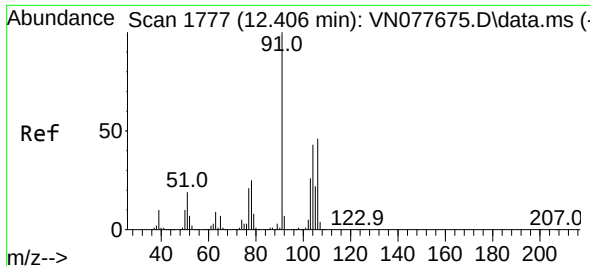


#68
m/p-Xylenes
Concen: 39.653 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04



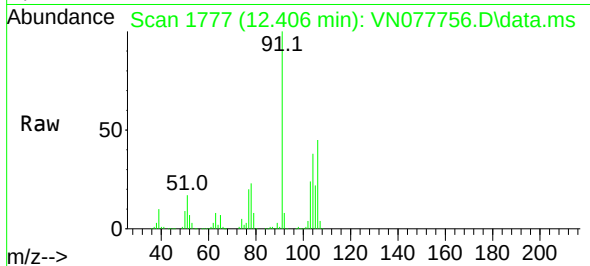
Tgt Ion:106 Resp: 344583
Ion Ratio Lower Upper
106 100
91 200.4 159.6 239.4





#69
o-Xylene
Concen: 19.476 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

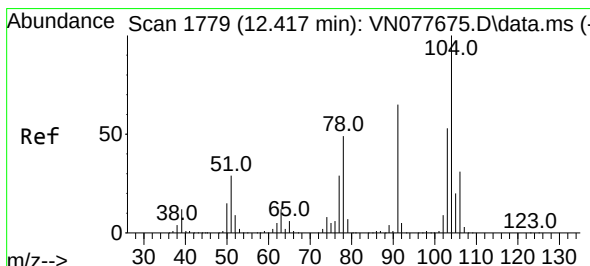
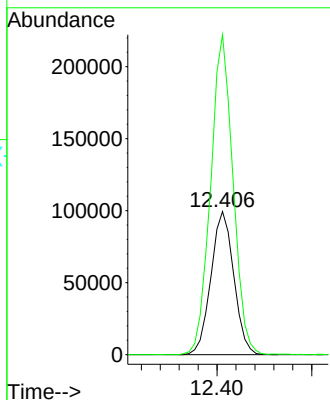
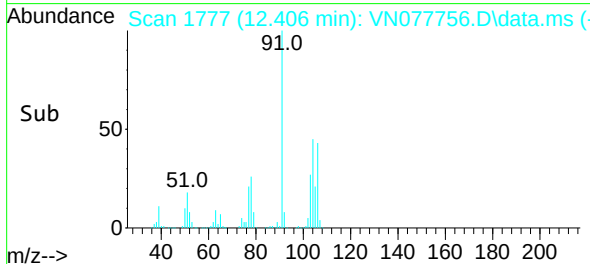
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



Tgt Ion:106 Resp: 166449
Ion Ratio Lower Upper
106 100
91 219.5 105.2 315.5

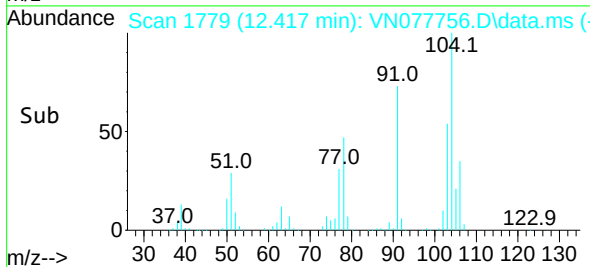
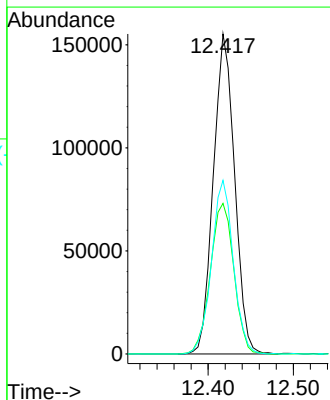
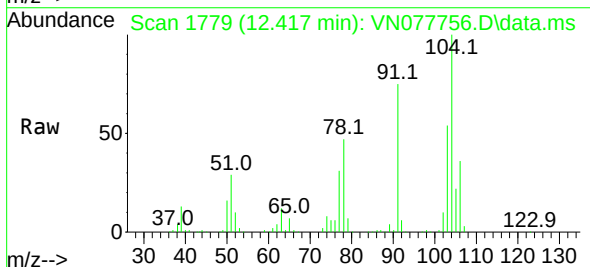
Manual Integrations
APPROVED

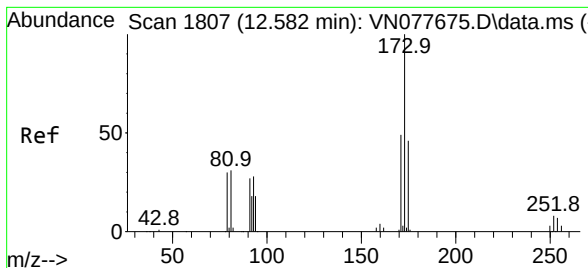
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#70
Styrene
Concen: 19.818 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

Tgt Ion:104 Resp: 269048
Ion Ratio Lower Upper
104 100
78 52.0 39.5 59.3
103 55.7 43.2 64.8





#71

Bromoform

Concen: 20.783 ug/l

RT: 12.588 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VN077756.D

Acq: 19 May 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

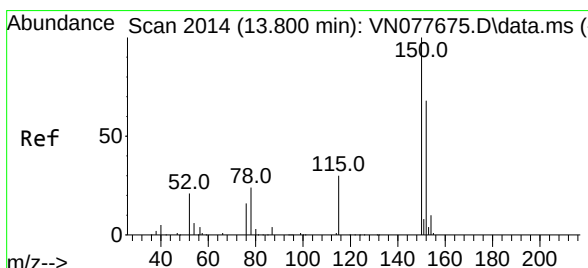
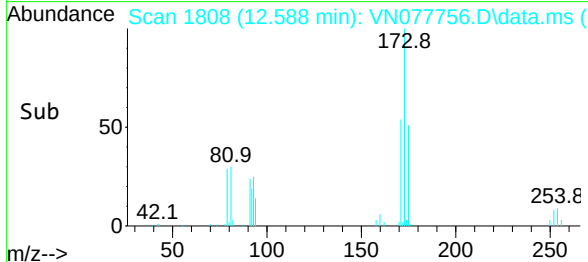
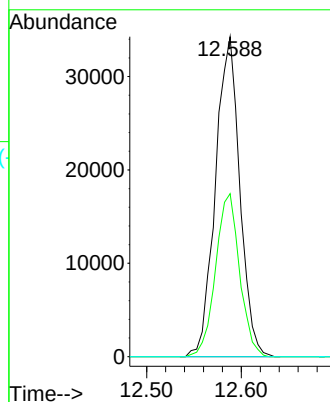
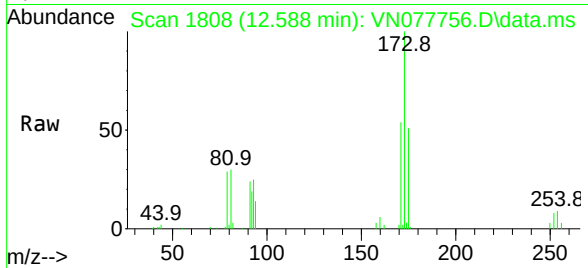
VN0519WBSD01

Tgt Ion:173 Resp: 61220
 Ion Ratio Lower Upper
 173 100
 175 50.3 24.3 73.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023
 Supervised By :Mahesh Dadoda 05/22/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

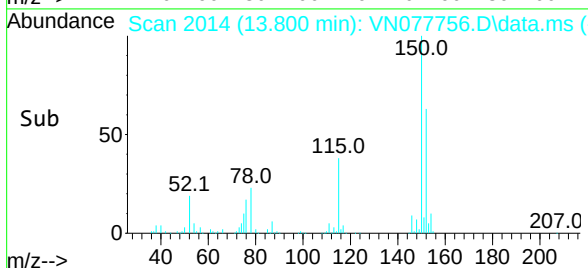
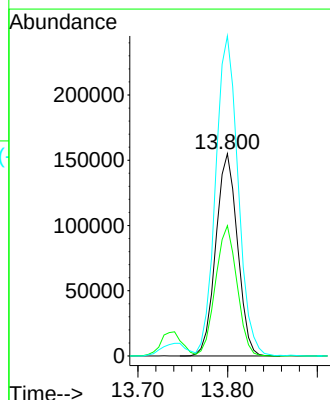
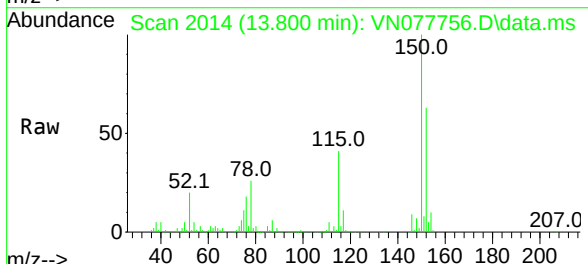
RT: 13.800 min Scan# 2014

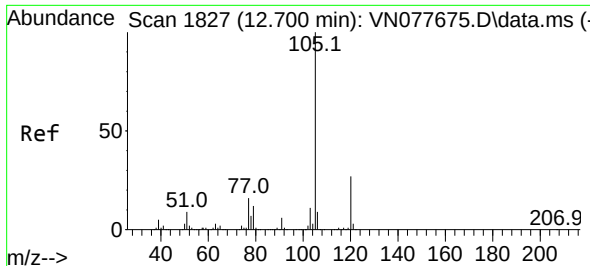
Delta R.T. -0.000 min

Lab File: VN077756.D

Acq: 19 May 2023 12:04

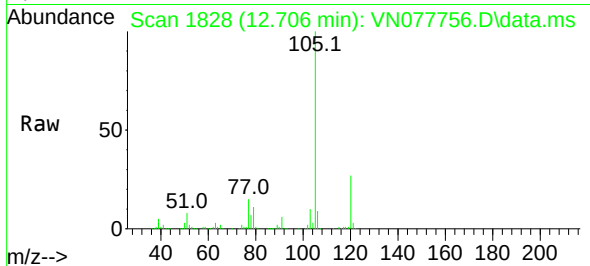
Tgt Ion:152 Resp: 259764
 Ion Ratio Lower Upper
 152 100
 115 63.8 32.3 96.8
 150 163.8 0.0 355.8





#73
Isopropylbenzene
Concen: 19.804 ug/l
RT: 12.706 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

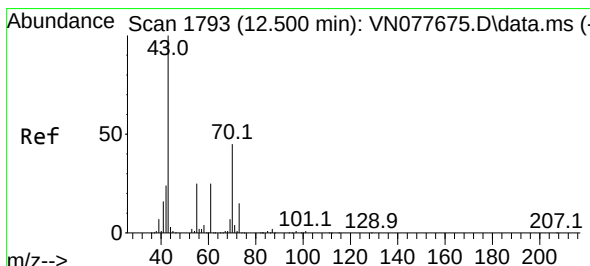
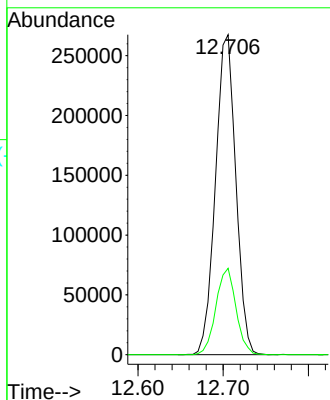
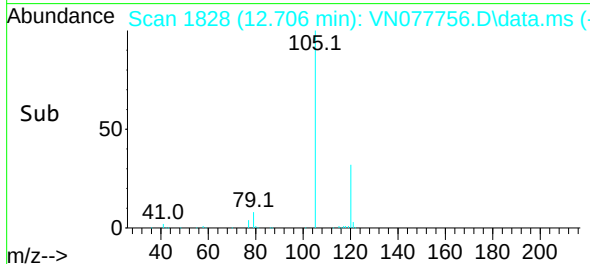
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



Tgt Ion: 105 Resp: 443440
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1

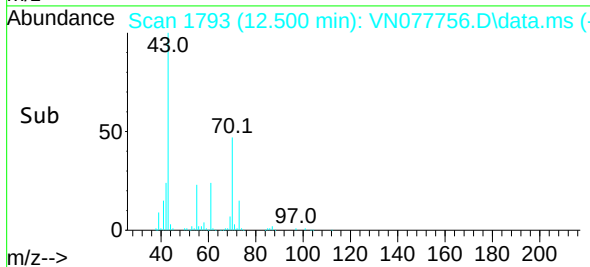
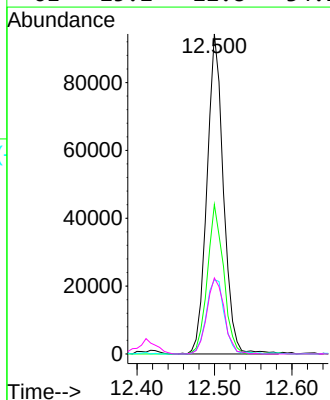
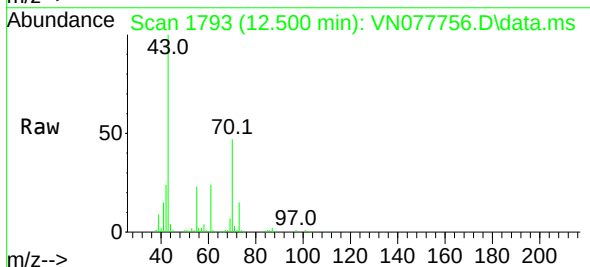
Manual Integrations
APPROVED

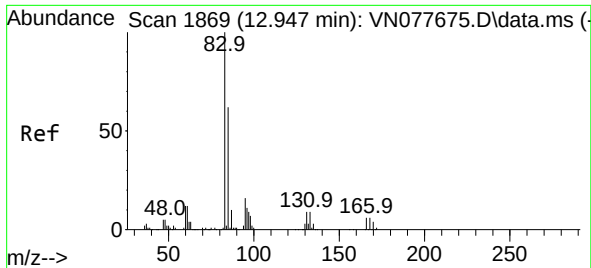
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#74
N-ethyl acetate
Concen: 16.905 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

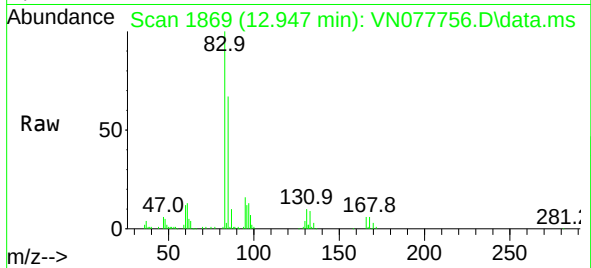
Tgt Ion: 43 Resp: 139917
Ion Ratio Lower Upper
43 100
70 45.8 43.4 65.2
55 25.6 21.4 32.0
61 25.2 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.667 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

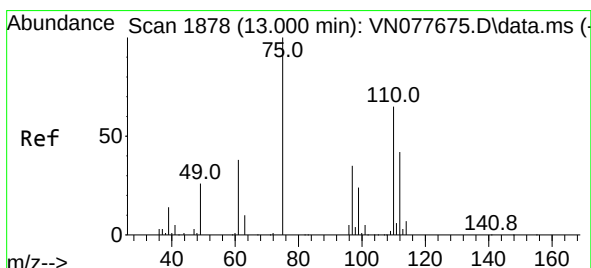
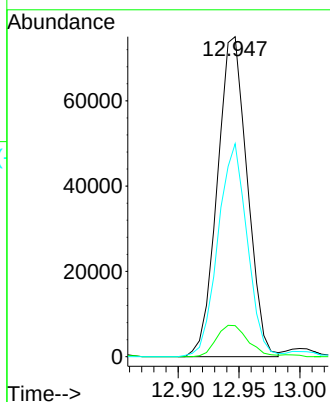
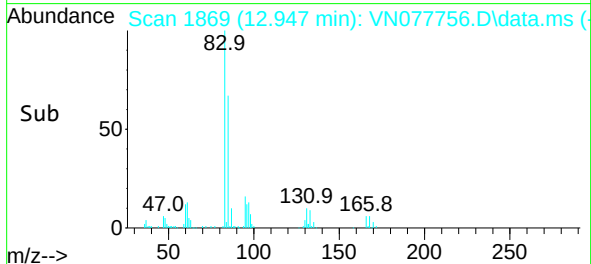
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



Tgt Ion: 83 Resp: 128580
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 64.9 31.9 95.7

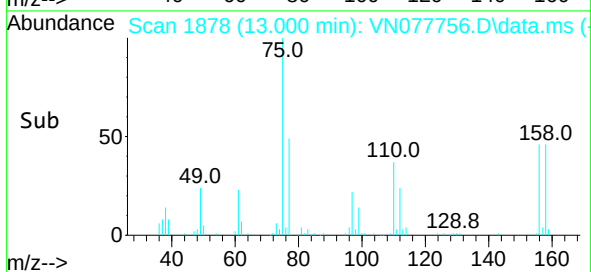
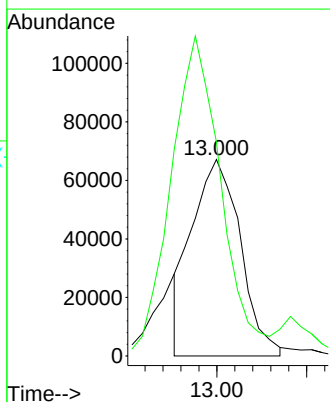
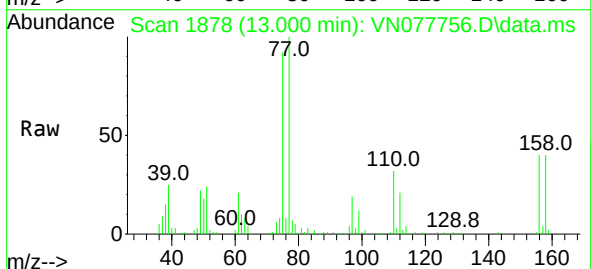
Manual Integrations
APPROVED

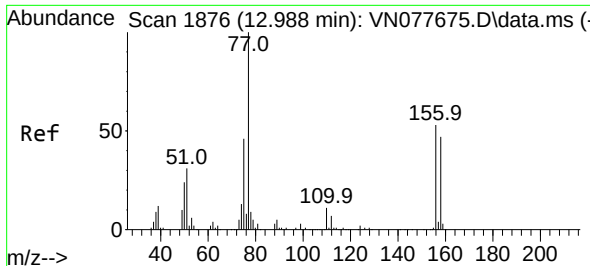
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#76
1,2,3-Trichloropropane
Concen: 19.313 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

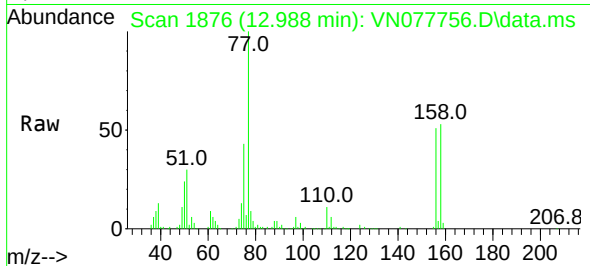
Tgt Ion: 75 Resp: 125639
Ion Ratio Lower Upper
75 100
77 168.4 84.5 253.5





#77
Bromobenzene
Concen: 19.172 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

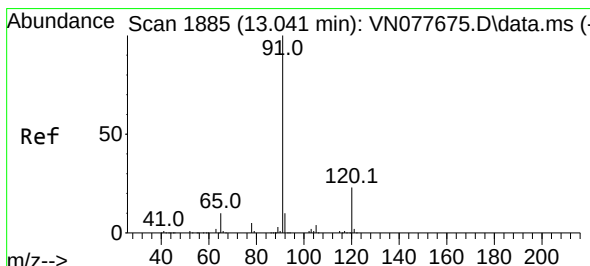
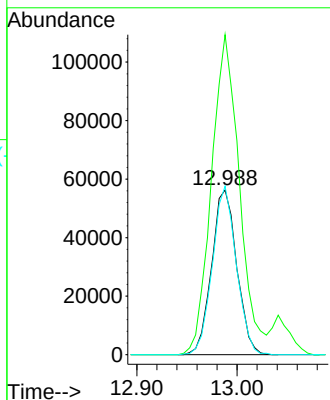
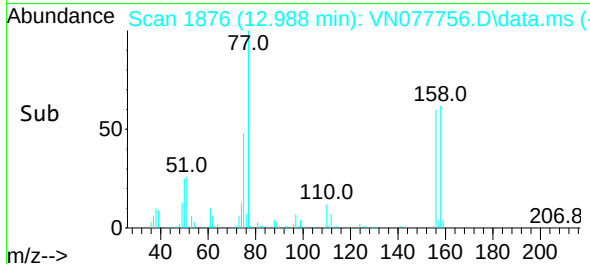
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



Tgt Ion:156 Resp: 9796
Ion Ratio Lower Upper
156 100
77 215.9 107.7 323.3
158 97.3 48.4 145.3

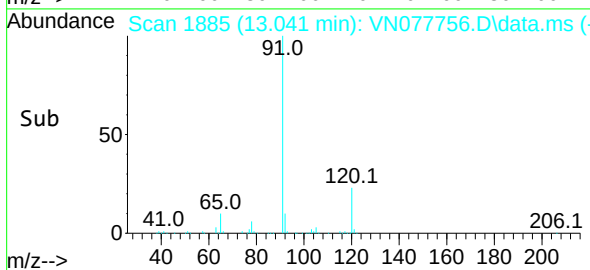
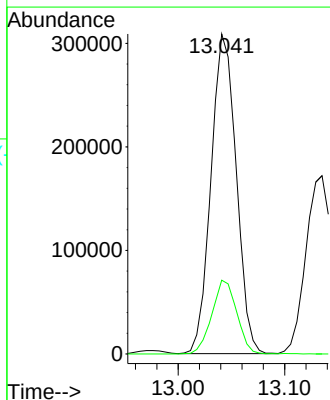
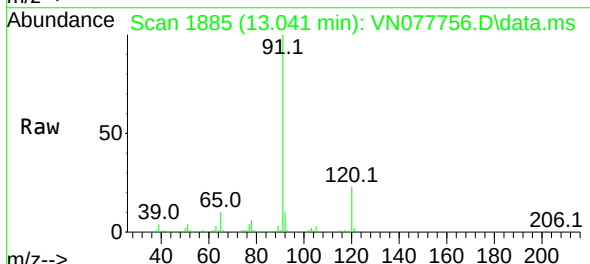
Manual Integrations
APPROVED

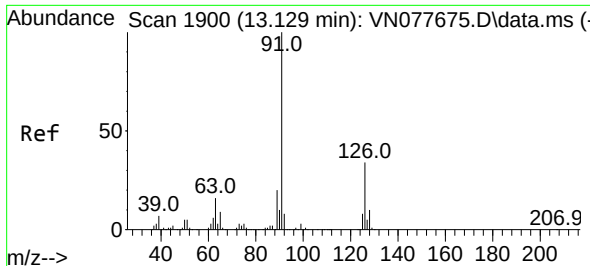
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#78
n-propylbenzene
Concen: 19.223 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

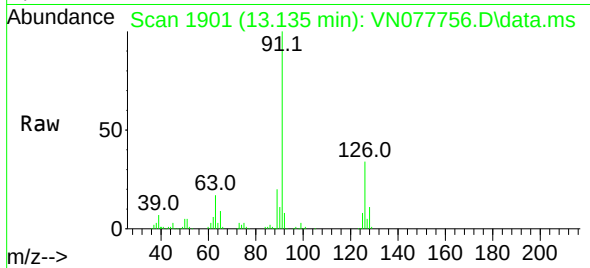
Tgt Ion: 91 Resp: 507452
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4





#79
2-Chlorotoluene
Concen: 19.195 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

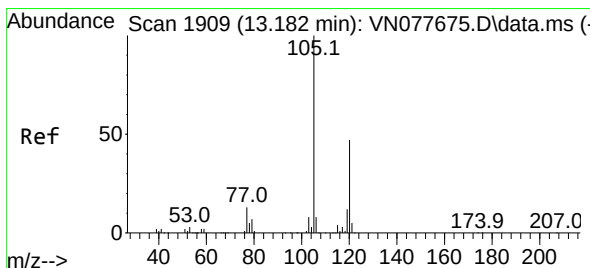
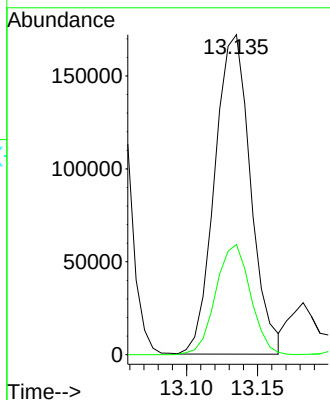
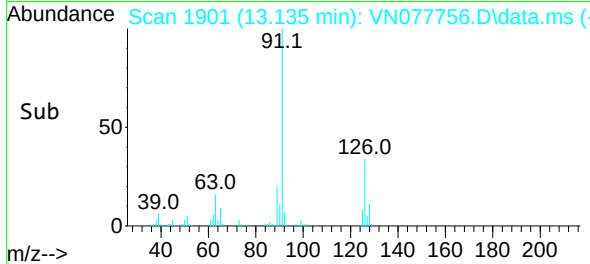
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



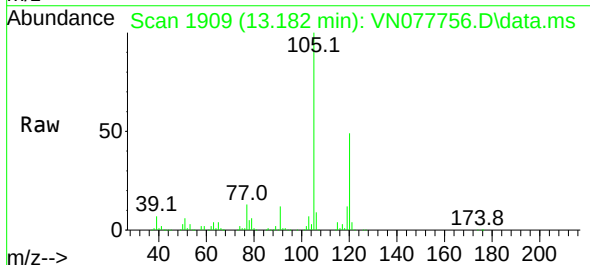
Tgt Ion: 91 Resp: 30237
Ion Ratio Lower Upper
91 100
126 33.3 16.3 48.8

Manual Integrations
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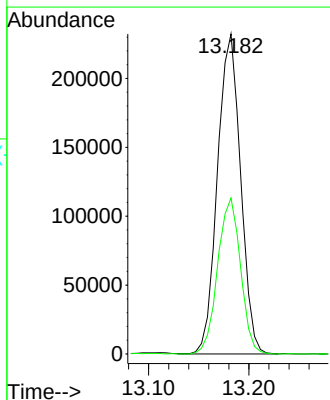
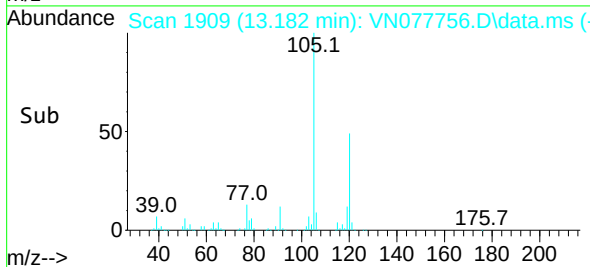
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

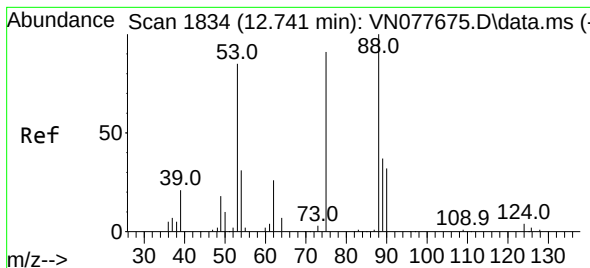


#80
1,3,5-Trimethylbenzene
Concen: 19.780 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04



Tgt Ion:105 Resp: 372252
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 15.569 ug/l

RT: 12.747 min Scan# 1835

Delta R.T. 0.006 min

Lab File: VN077756.D

Acq: 19 May 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01

Tgt Ion: 75 Resp: 31680

Ion Ratio Lower Upper

75 100

53 111.8 67.4 101.2

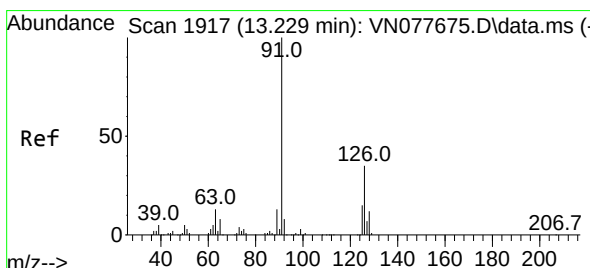
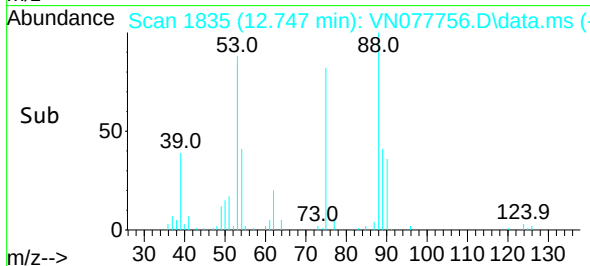
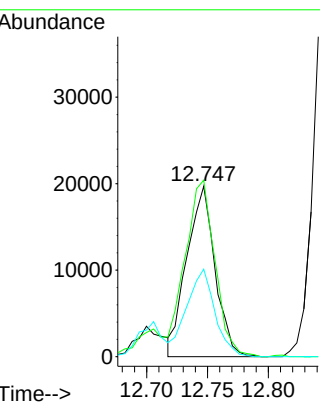
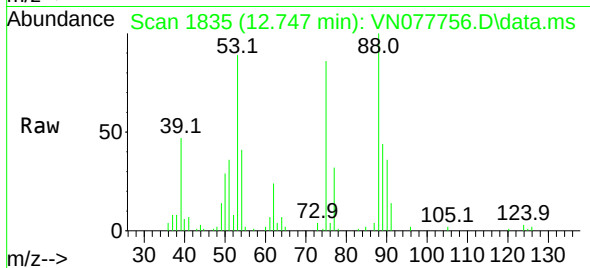
89 51.7 38.8 58.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#82

4-Chlorotoluene

Concen: 18.547 ug/l

RT: 13.229 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VN077756.D

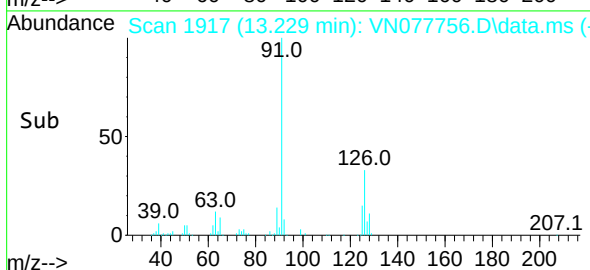
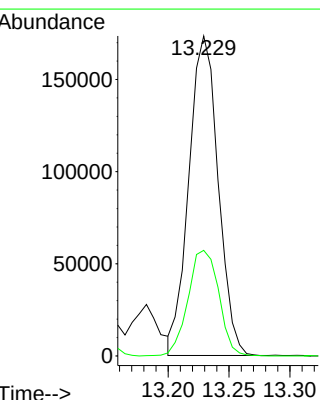
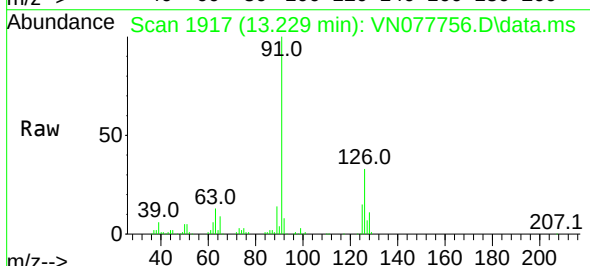
Acq: 19 May 2023 12:04

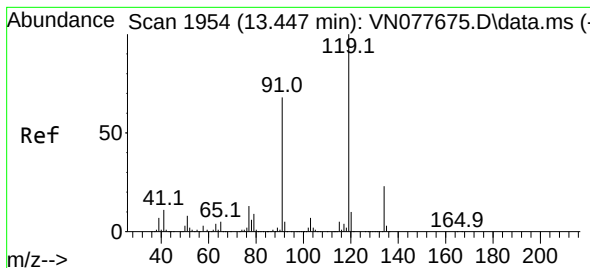
Tgt Ion: 91 Resp: 290692

Ion Ratio Lower Upper

91 100

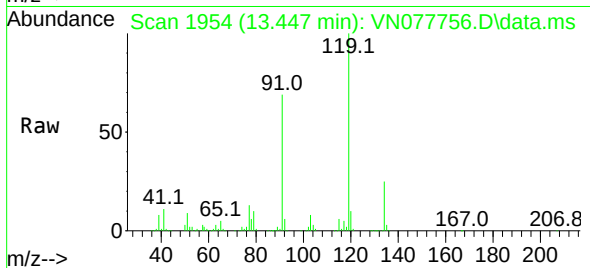
126 34.8 16.7 50.0





#83
tert-Butylbenzene
Concen: 19.901 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

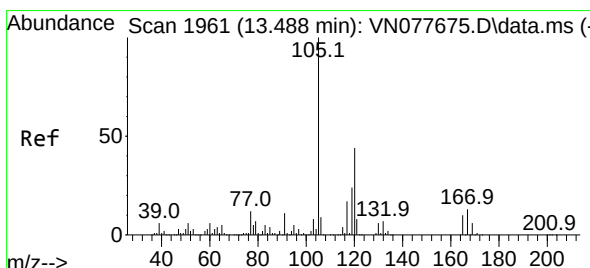
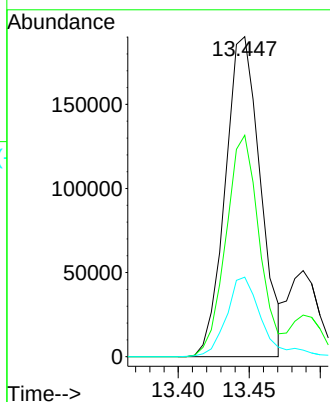
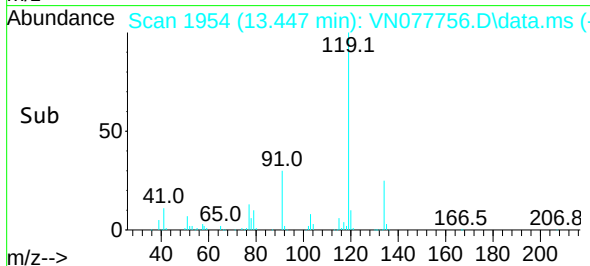
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



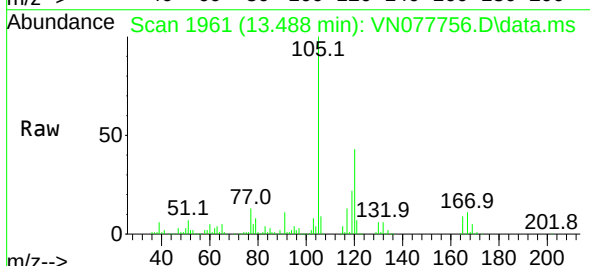
Tgt Ion:119 Resp: 326954
Ion Ratio Lower Upper
119 100
91 67.0 33.9 101.7
134 25.1 13.2 39.6

Manual Integrations
APPROVED

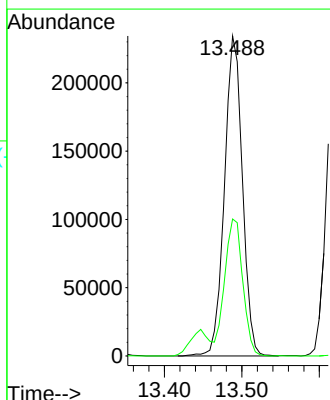
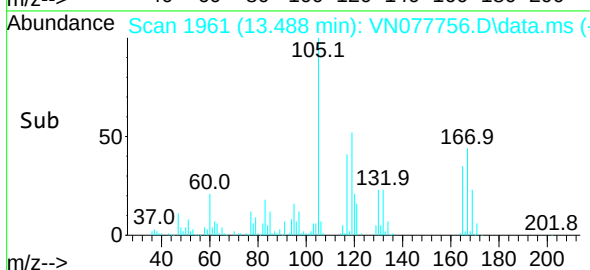
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

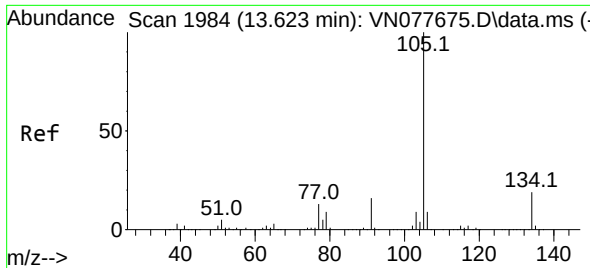


#84
1,2,4-Trimethylbenzene
Concen: 20.382 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04



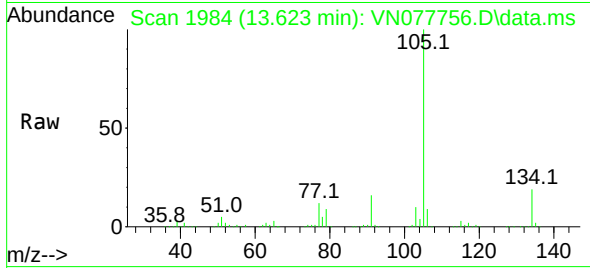
Tgt Ion:105 Resp: 377239
Ion Ratio Lower Upper
105 100
120 43.1 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 19.790 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077756.D
 Acq: 19 May 2023 12:04

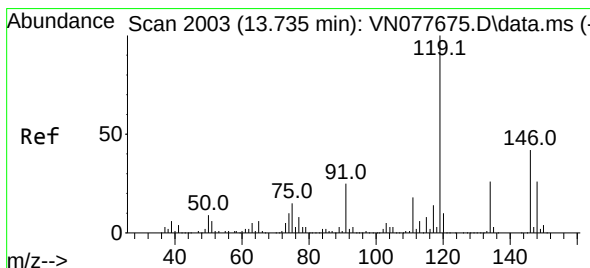
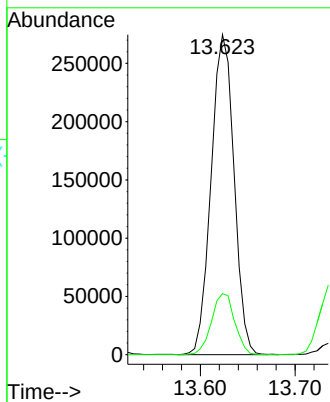
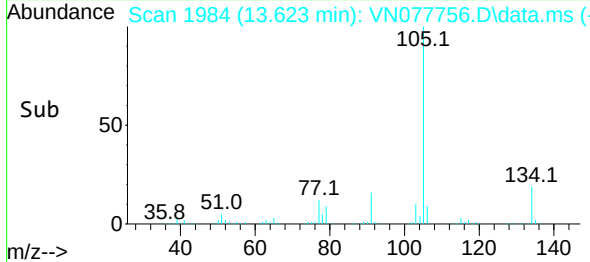
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBSD01



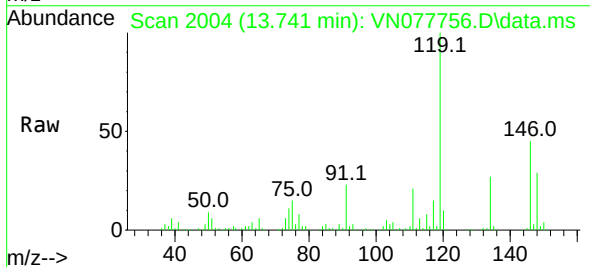
Tgt Ion:105 Resp: 462060
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3

Manual Integrations
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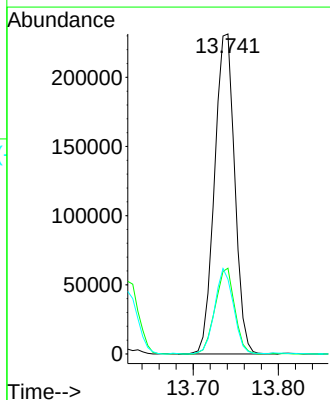
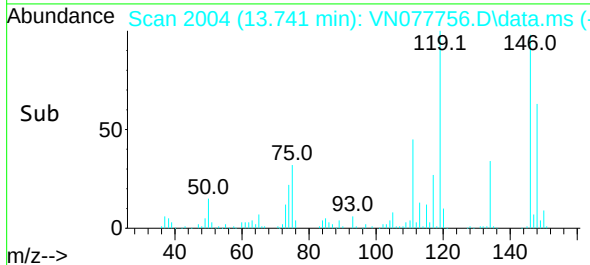
Reviewed By :John Carlone 05/22/2023
 Supervised By :Mahesh Dadoda 05/22/2023

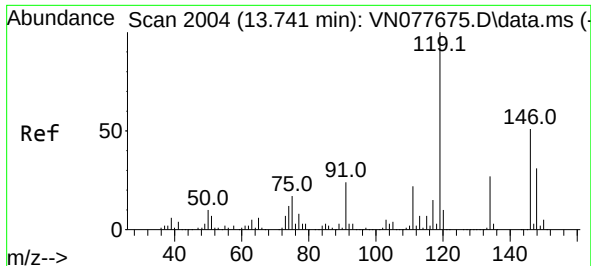


#86
 p-Isopropyltoluene
 Concen: 20.467 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. 0.006 min
 Lab File: VN077756.D
 Acq: 19 May 2023 12:04



Tgt Ion:119 Resp: 380982
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 25.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 19.512 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. -0.000 min

Lab File: VN077756.D

Acq: 19 May 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01

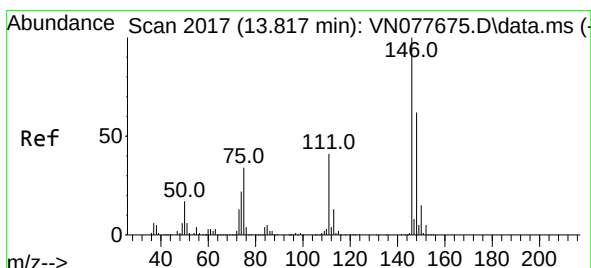
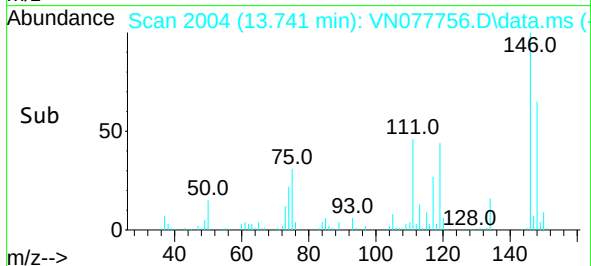
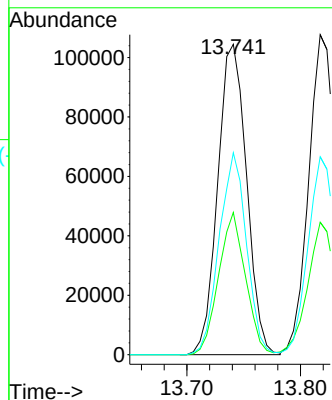
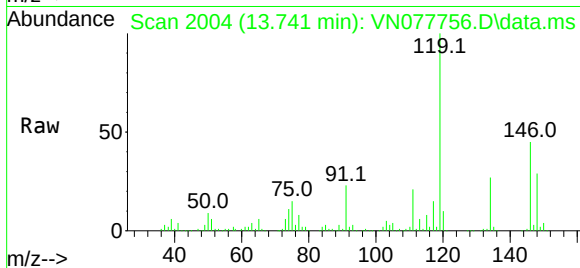
Tgt Ion:146 Resp: 184385
 Ion Ratio Lower Upper
 146 100
 111 42.8 22.1 66.3
 148 61.8 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#88

1,4-Dichlorobenzene

Concen: 19.315 ug/l

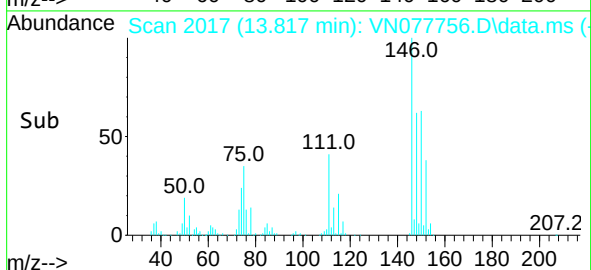
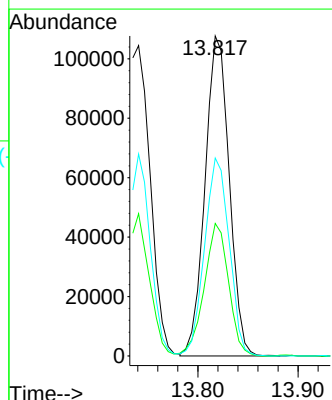
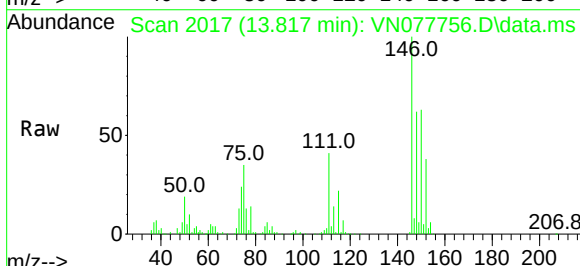
RT: 13.817 min Scan# 2017

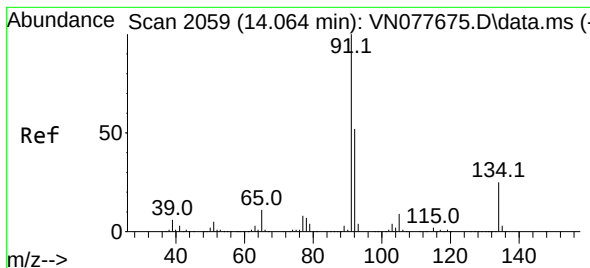
Delta R.T. 0.000 min

Lab File: VN077756.D

Acq: 19 May 2023 12:04

Tgt Ion:146 Resp: 181123
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.6 61.8
 148 63.0 31.6 94.8





#89

n-Butylbenzene

Concen: 18.678 ug/l

RT: 14.064 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VN077756.D

Acq: 19 May 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01

Tgt Ion: 91 Resp: 31978

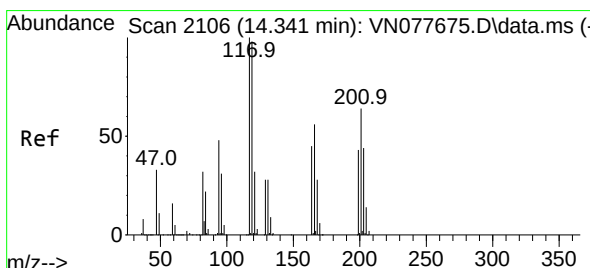
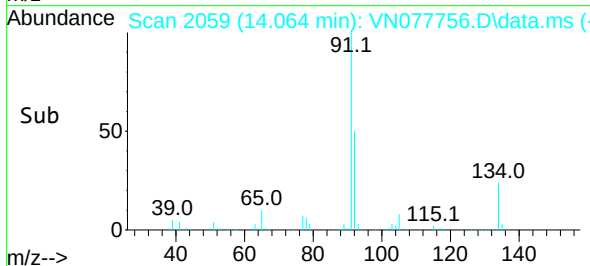
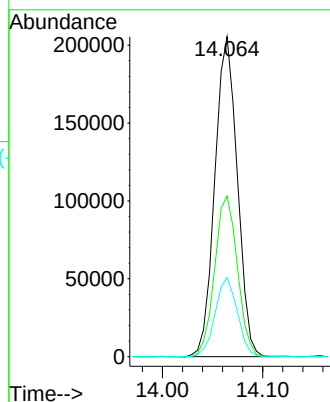
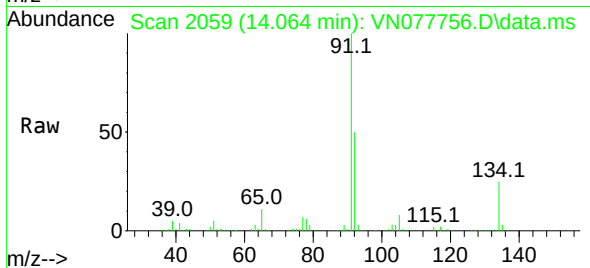
Ion	Ratio	Lower	Upper
91	100		
92	50.9	26.4	79.0
134	24.4	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#90

Hexachloroethane

Concen: 19.771 ug/l

RT: 14.341 min Scan# 2106

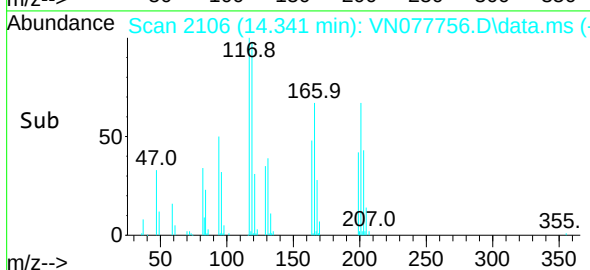
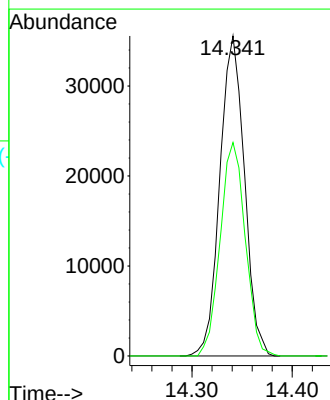
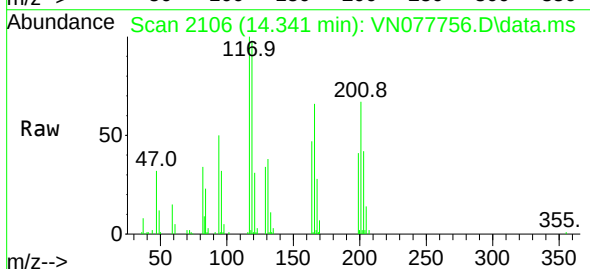
Delta R.T. -0.000 min

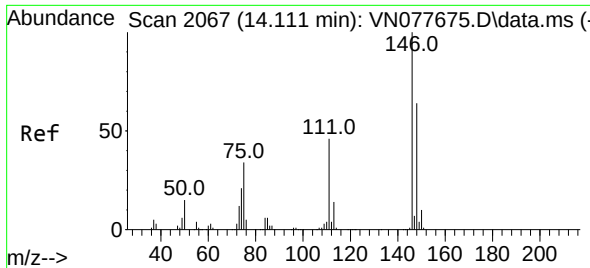
Lab File: VN077756.D

Acq: 19 May 2023 12:04

Tgt Ion:117 Resp: 60457

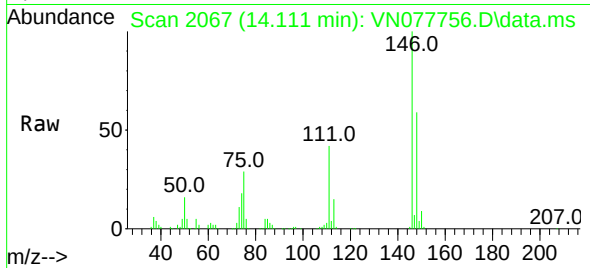
Ion	Ratio	Lower	Upper
117	100		
201	68.1	29.3	88.0





#91
1,2-Dichlorobenzene
Concen: 20.864 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

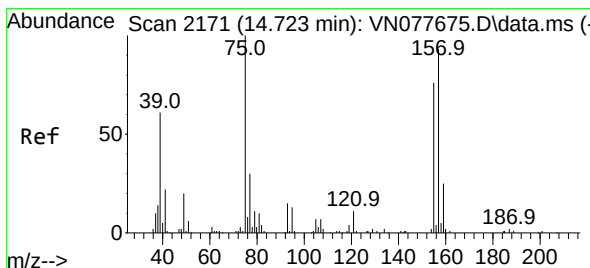
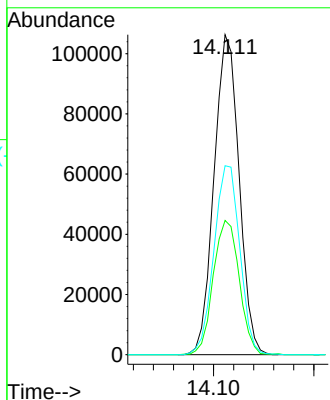
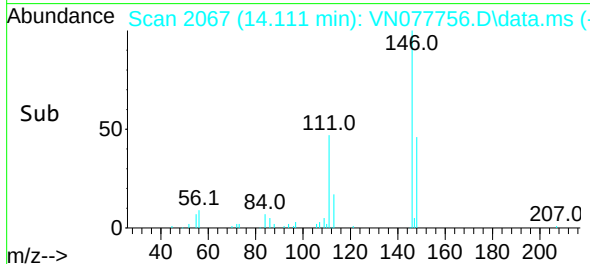
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



Tgt Ion:146 Resp: 184192
Ion Ratio Lower Upper
146 100
111 43.7 22.0 66.0
148 61.1 31.8 95.3

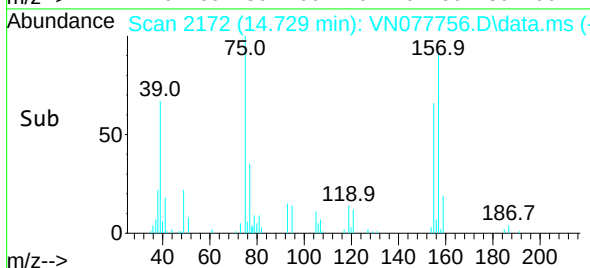
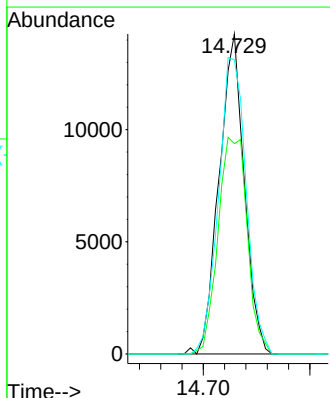
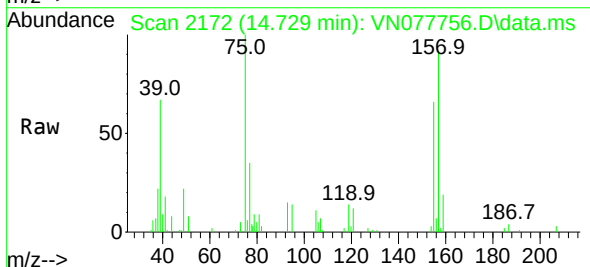
Manual Integrations
APPROVED

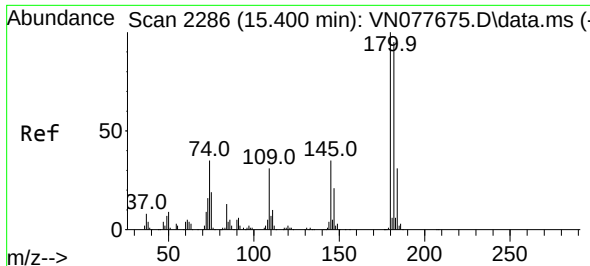
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.529 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

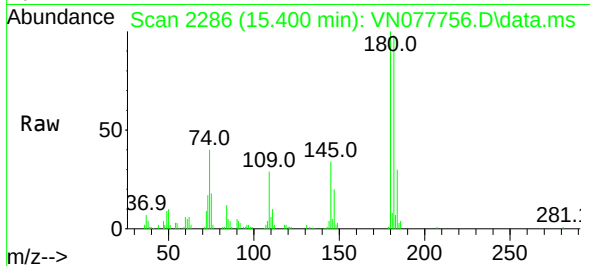
Tgt Ion: 75 Resp: 23378
Ion Ratio Lower Upper
75 100
155 78.3 39.1 117.2
157 101.9 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 16.995 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

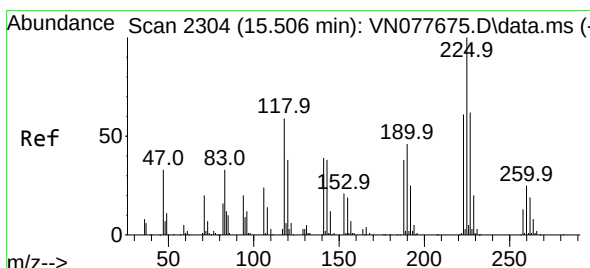
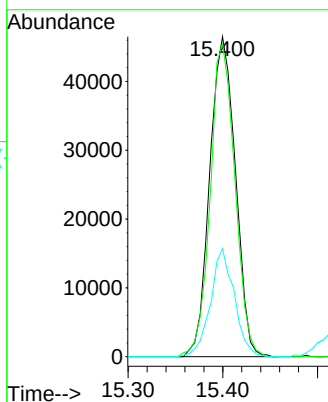
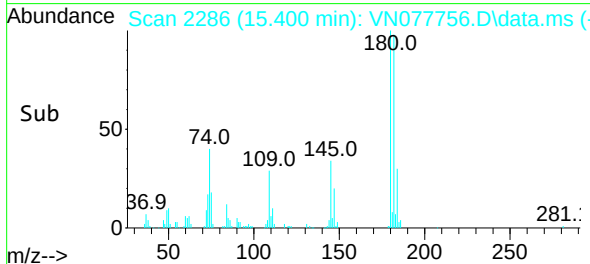
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



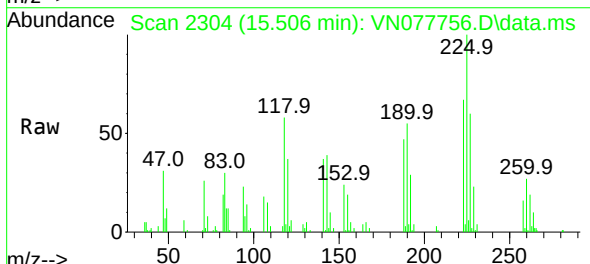
Tgt Ion:180 Resp: 87670
Ion Ratio Lower Upper
180 100
182 94.1 46.1 138.2
145 31.4 16.6 49.8

Manual Integrations
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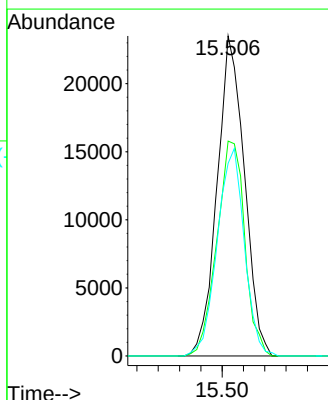
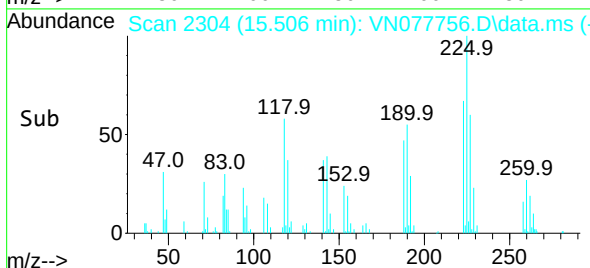
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

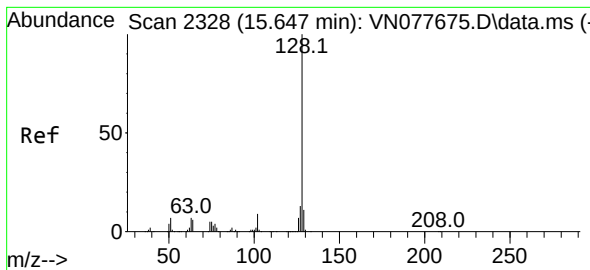


#94
Hexachlorobutadiene
Concen: 19.490 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04



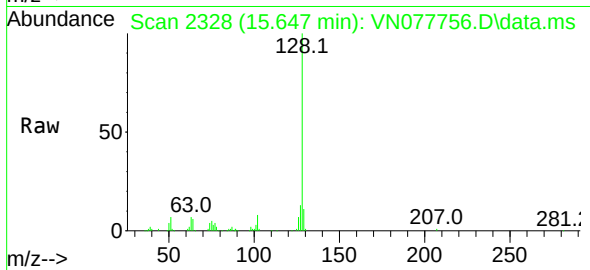
Tgt Ion:225 Resp: 41748
Ion Ratio Lower Upper
225 100
223 68.5 31.3 93.8
227 64.5 31.9 95.9





#95
Naphthalene
Concen: 14.381 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

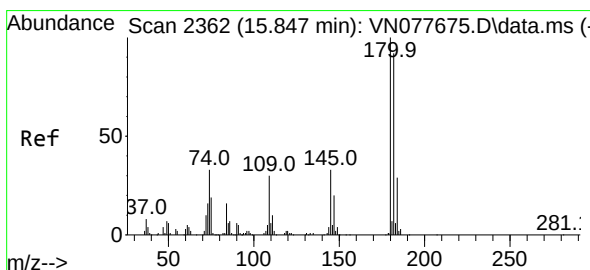
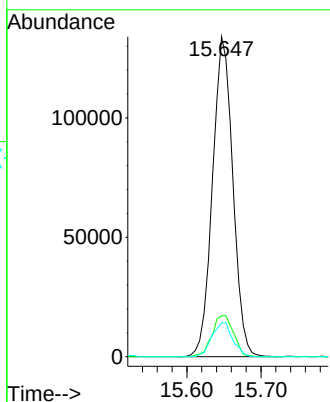
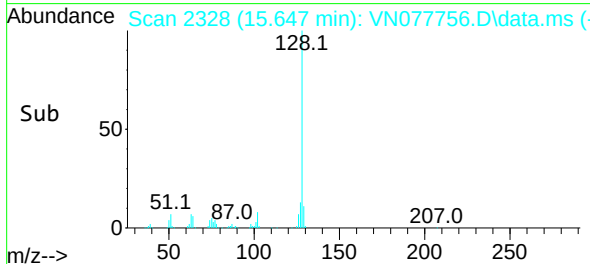
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



Tgt Ion:128 Resp: 255370
Ion Ratio Lower Upper
128 100
127 13.6 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 17.556 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN077756.D
Acq: 19 May 2023 12:04

Tgt Ion:180 Resp: 88678
Ion Ratio Lower Upper
180 100
182 93.2 46.2 138.6
145 35.5 17.5 52.6

