

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011323\
 Data File : VN076254.D
 Acq On : 13 Jan 2023 17:27
 Operator : JC\MD
 Sample : VN0113MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0113MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/16/2023
 Supervised By : Mahesh Dadoda 01/16/2023

Quant Time: Jan 16 01:13:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	196485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	367372	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	323622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	161855	75.719	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 151.440%#			
35) Dibromofluoromethane	8.171	113	135955	59.758	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 119.520%			
50) Toluene-d8	10.571	98	386247	45.407	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 90.820%			
62) 4-Bromofluorobenzene	12.853	95	132310	46.962	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	24699	17.704	ug/l	99
3) Chloromethane	2.377	50	43620	25.144	ug/l	99
4) Vinyl Chloride	2.524	62	41525	20.067	ug/l	98
5) Bromomethane	2.953	94	46309	26.332	ug/l	93
6) Chloroethane	3.124	64	38848	25.351	ug/l	96
7) Trichlorofluoromethane	3.500	101	48155	15.336	ug/l	93
8) Diethyl Ether	3.983	74	35191	30.684	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	27125	15.128	ug/l	99
10) Methyl Iodide	4.606	142	69782	23.981	ug/l	96
11) Tert butyl alcohol	5.530	59	52323	172.989	ug/l	98
12) 1,1-Dichloroethene	4.353	96	30072	17.269	ug/l	95
13) Acrolein	4.194	56	54926	148.124	ug/l	96
14) Allyl chloride	5.036	41	47959	23.559	ug/l	92
15) Acrylonitrile	5.736	53	134966	163.514	ug/l	100
16) Acetone	4.447	43	110156	149.493	ug/l	92
17) Carbon Disulfide	4.730	76	63557	15.074	ug/l	100
18) Methyl Acetate	5.042	43	77976	35.800	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	193809	33.796	ug/l	94
20) Methylene Chloride	5.289	84	58275	29.299	ug/l	96
21) trans-1,2-Dichloroethene	5.794	96	38900	20.397	ug/l	96
22) Diisopropyl ether	6.683	45	149053	30.141	ug/l	97
23) Vinyl Acetate	6.618	43	513747	154.346	ug/l	100
24) 1,1-Dichloroethane	6.583	63	84022	25.476	ug/l	99
25) 2-Butanone	7.494	43	167562	162.407	ug/l	100
26) 2,2-Dichloropropane	7.494	77	51870	18.571	ug/l	95
27) cis-1,2-Dichloroethene	7.500	96	58031	25.442	ug/l	100
28) Bromochloromethane	7.824	49	38364	26.539	ug/l #	99
29) Tetrahydrofuran	7.847	42	106985	165.467	ug/l	99
30) Chloroform	7.971	83	95894	25.824	ug/l	93
31) Cyclohexane	8.265	56	42701	13.948	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	64339	19.544	ug/l	98
36) 1,1-Dichloropropene	8.377	75	44726	14.799	ug/l	98
37) Ethyl Acetate	7.565	43	71722	29.545	ug/l	100
38) Carbon Tetrachloride	8.371	117	48161	14.238	ug/l	92
39) Methylcyclohexane	9.606	83	45336	12.434	ug/l	95
40) Benzene	8.612	78	189551	20.328	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	36875	29.223	ug/l	97
42) 1,2-Dichloroethane	8.677	62	81037	26.141	ug/l	100
43) Isopropyl Acetate	8.694	43	130958	32.703	ug/l	93
44) Trichloroethene	9.353	130	45186	17.201	ug/l	100
45) 1,2-Dichloropropane	9.624	63	51007	22.479	ug/l	96
46) Dibromomethane	9.712	93	41464	24.637	ug/l	97
47) Bromodichloromethane	9.894	83	75469	22.867	ug/l	98
48) Methyl methacrylate	9.682	41	53135	29.461	ug/l	97
49) 1,4-Dioxane	9.700	88	24559	553.880	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	354727	146.476	ug/l	98
52) Toluene	10.635	92	110638	18.218	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	73202	22.658	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	80119	22.587	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	60596	25.422	ug/l	97
56) Ethyl methacrylate	10.876	69	86773	27.407	ug/l	96
57) 1,3-Dichloropropane	11.165	76	98930	25.303	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	146127	144.963	ug/l	98
59) 2-Hexanone	11.200	43	257073	145.560	ug/l	98
60) Dibromochloromethane	11.359	129	61004	23.013	ug/l	96
61) 1,2-Dibromoethane	11.470	107	60994	25.286	ug/l	99
64) Tetrachloroethene	11.106	164	45433	19.951	ug/l	96
65) Chlorobenzene	11.894	112	121687	18.320	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	52203	21.218	ug/l	100
67) Ethyl Benzene	11.965	91	185954	16.588	ug/l	99
68) m/p-Xylenes	12.070	106	146741	33.071	ug/l	99
69) o-Xylene	12.400	106	79485	18.102	ug/l	99
70) Styrene	12.412	104	131361	18.815	ug/l	99
71) Bromoform	12.582	173	43962	24.557	ug/l #	99
73) Isopropylbenzene	12.700	105	174544	17.637	ug/l	99
74) N-amyl acetate	12.494	43	91318	31.452	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	84796	27.716	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	79138m	28.667	ug/l	
77) Bromobenzene	12.982	156	54752	21.860	ug/l	96
78) n-propylbenzene	13.035	91	187045	17.136	ug/l	99
79) 2-Chlorotoluene	13.129	91	130483	19.150	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	155369	18.757	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	20969	27.341	ug/l	91
82) 4-Chlorotoluene	13.129	91	130483	19.150	ug/l	98
83) tert-Butylbenzene	13.441	119	131532	18.011	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	157127	19.122	ug/l	99
85) sec-Butylbenzene	13.617	105	167817	16.649	ug/l	99
86) p-Isopropyltoluene	13.735	119	144826	17.267	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	86941	18.792	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	84627	17.905	ug/l	99
89) n-Butylbenzene	14.059	91	103918	15.294	ug/l	100
90) Hexachloroethane	14.335	117	24239	16.156	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	96468	21.169	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14774	27.214	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	42350	18.771	ug/l	98
94) Hexachlorobutadiene	15.506	225	18227	14.808	ug/l	94
95) Naphthalene	15.641	128	163747	23.190	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	42321	20.070	ug/l	96

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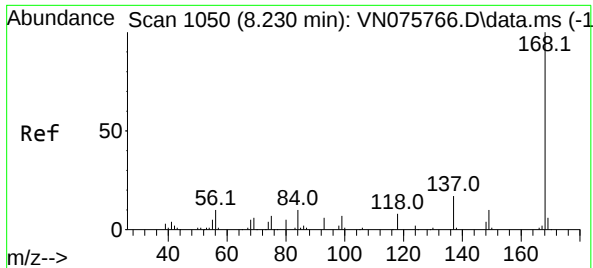
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

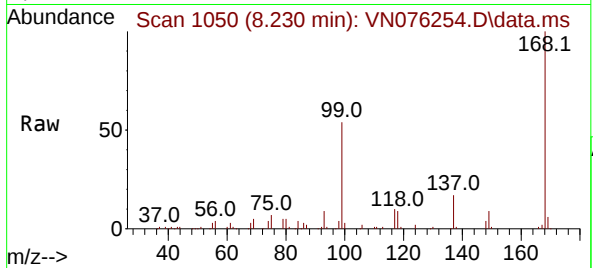
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076254.D
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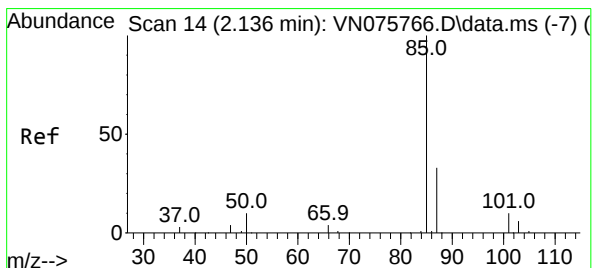
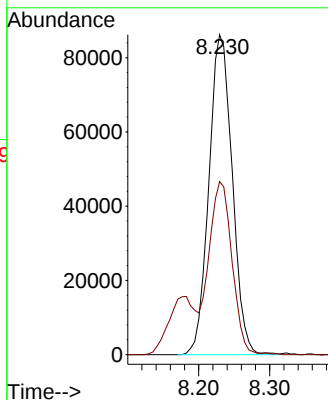
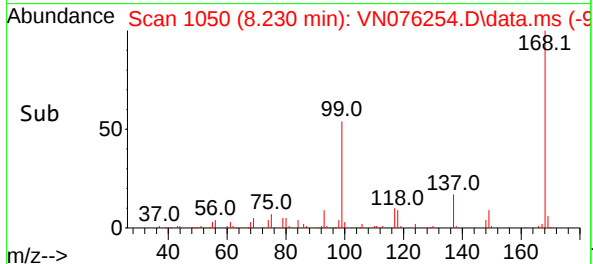
Instrument :
MSVOA_N
Client Sample Id :
VN0113MBS01



Tgt Ion: 168 Resp: 196485
Ion Ratio Lower Upper
168 100
99 53.8 44.2 66.4

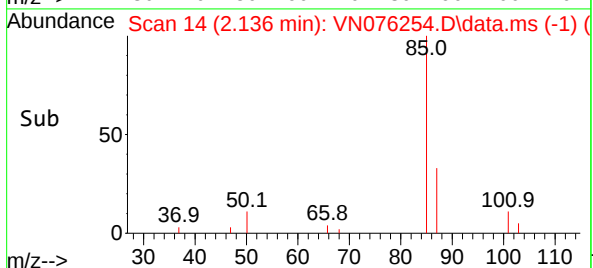
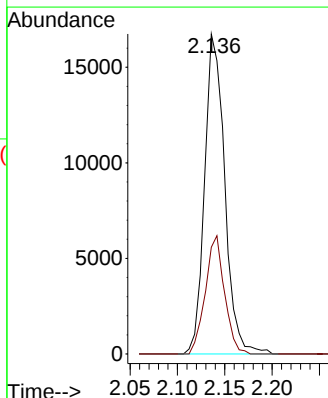
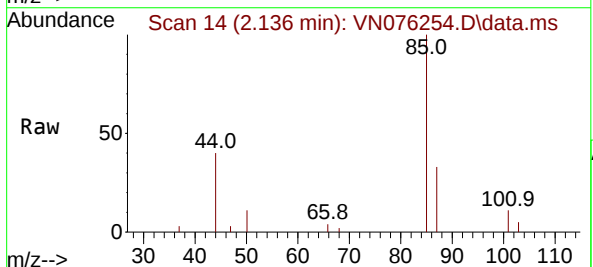
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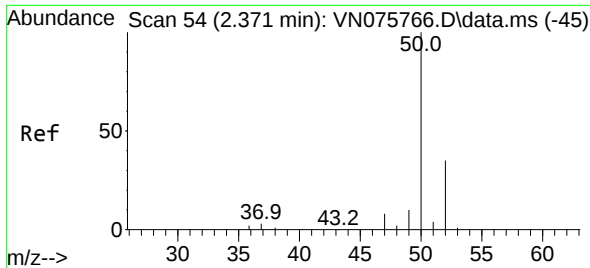
Reviewed By : John Carlone 01/16/2023
Supervised By : Mahesh Dadoda 01/16/2023



#2
Dichlorodifluoromethane
Concen: 17.704 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

Tgt Ion: 85 Resp: 24699
Ion Ratio Lower Upper
85 100
87 33.3 16.3 48.9





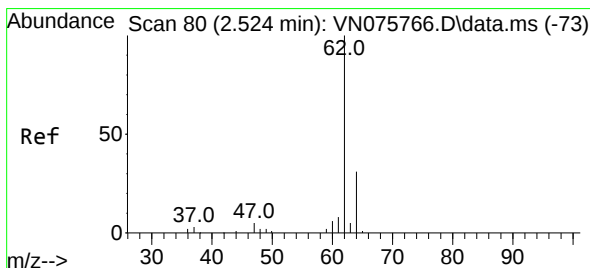
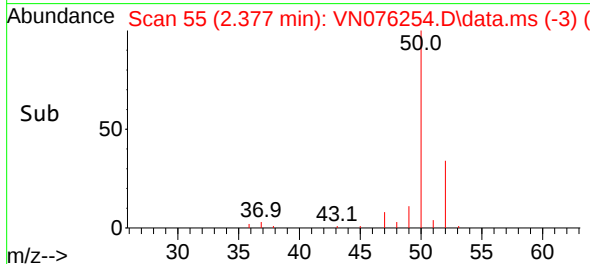
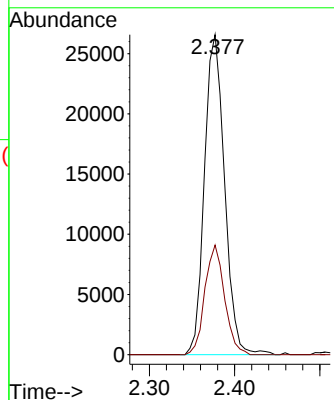
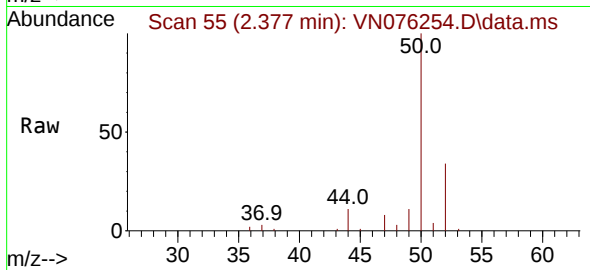
#3
Chloromethane
Concen: 25.144 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

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ClientSampleId :
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Tgt Ion: 50 Resp: 43620
Ion Ratio Lower Upper
50 100
52 34.3 27.7 41.5

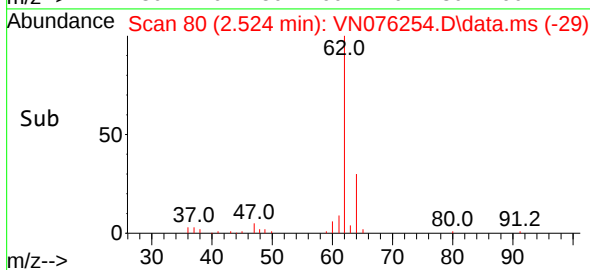
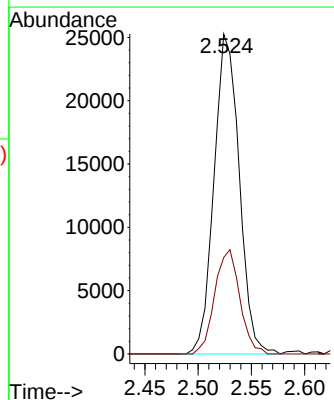
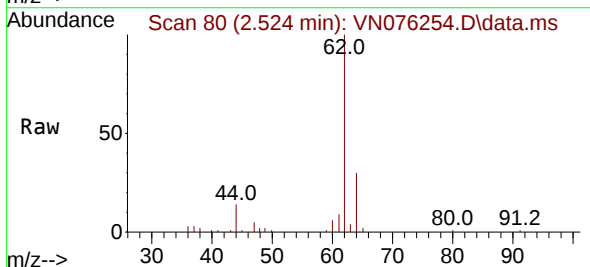
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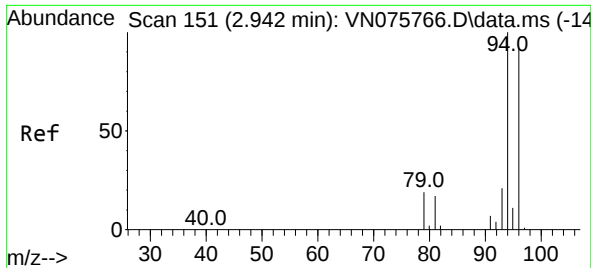
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#4
Vinyl Chloride
Concen: 20.067 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

Tgt Ion: 62 Resp: 41525
Ion Ratio Lower Upper
62 100
64 30.1 24.9 37.3





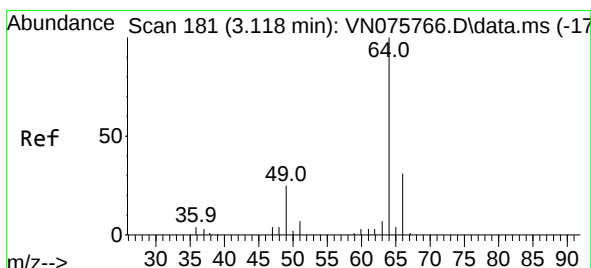
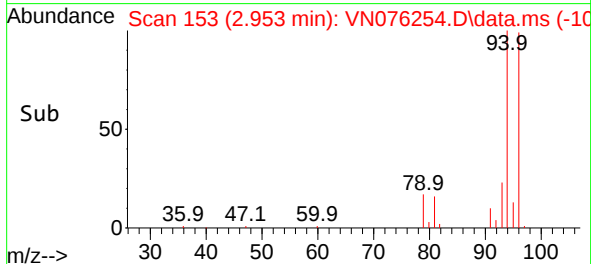
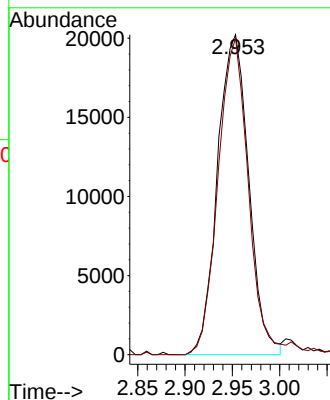
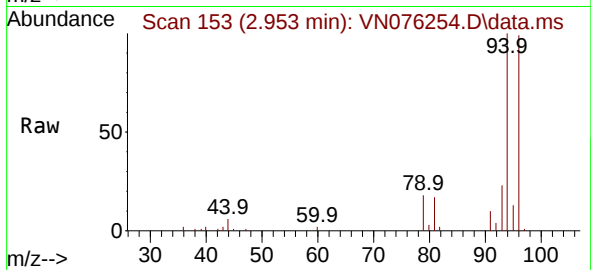
#5
Bromomethane
Concen: 26.332 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 46309
Ion Ratio Lower Upper
94 100
96 98.9 73.8 110.6

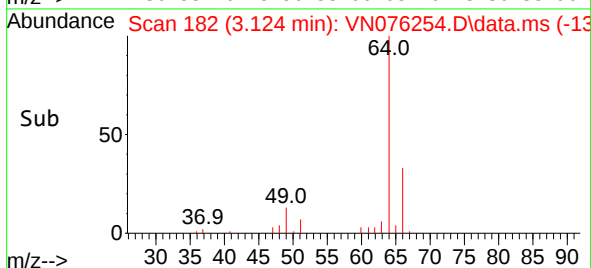
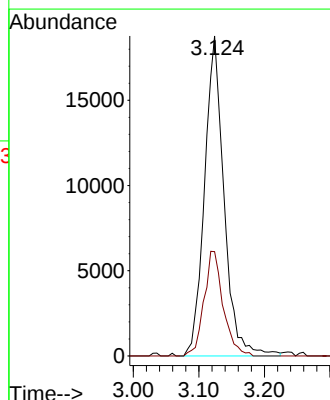
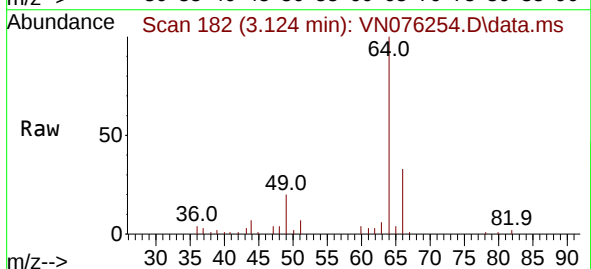
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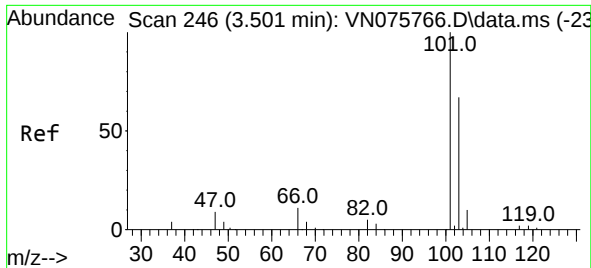
Reviewed By :John Carlone 01/16/2023
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#6
Chloroethane
Concen: 25.351 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

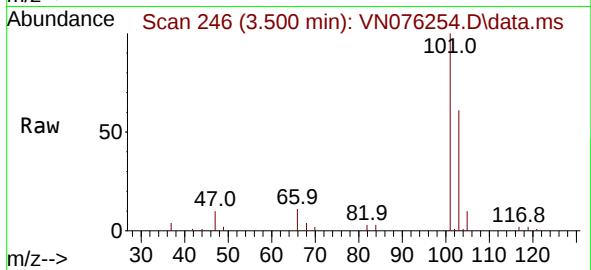
Tgt Ion: 64 Resp: 38848
Ion Ratio Lower Upper
64 100
66 32.6 24.6 36.8





#7
Trichlorofluoromethane
Concen: 15.336 ug/l
RT: 3.500 min Scan# 246
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

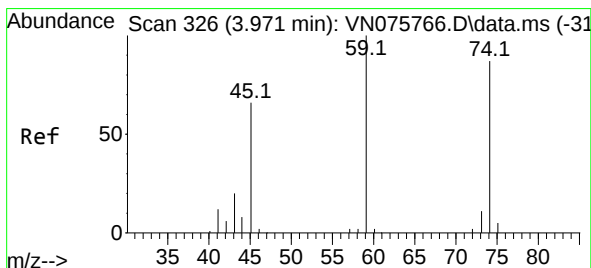
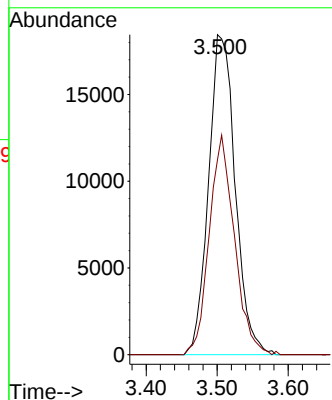
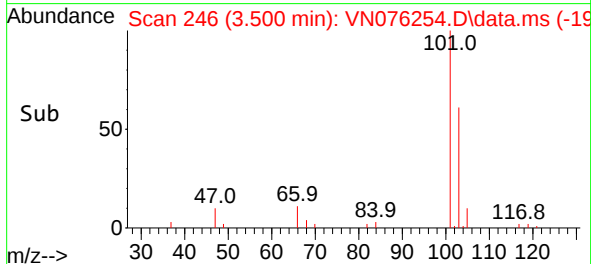
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBSD01



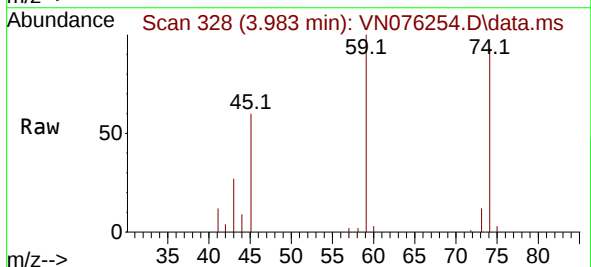
Tgt Ion:101 Resp: 4815
Ion Ratio Lower Upper
101 100
103 60.9 53.4 80.2

Manual Integrations
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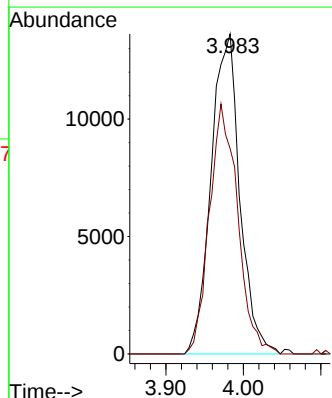
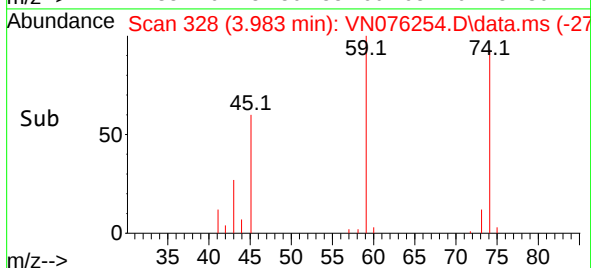
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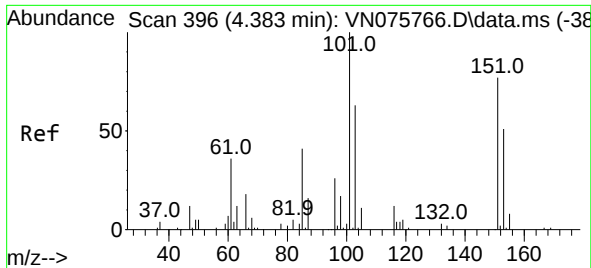


#8
Diethyl Ether
Concen: 30.684 ug/l
RT: 3.983 min Scan# 328
Delta R.T. 0.012 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27



Tgt Ion: 74 Resp: 35191
Ion Ratio Lower Upper
74 100
45 76.8 37.8 113.4





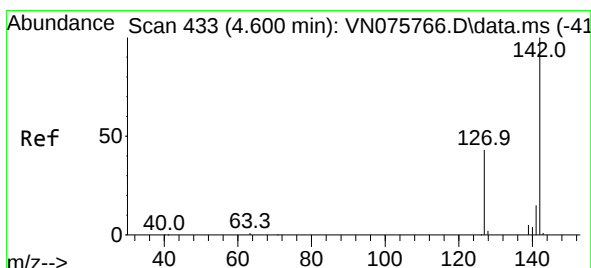
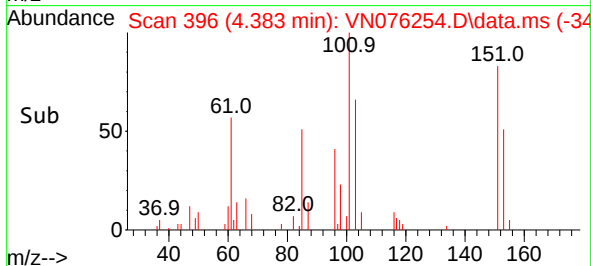
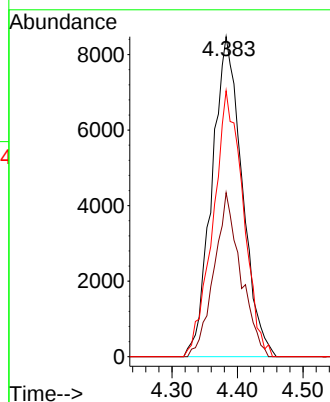
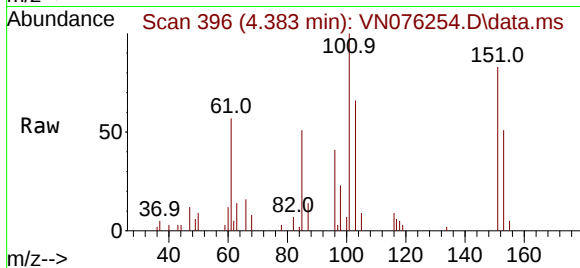
#9
1,1,2-Trichlorotrifluoroethane
Concen: 15.128 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

Instrument :
MSVOA_N
ClientSampleId :
VN0113MBSD01

Tgt Ion:101 Resp: 2712
Ion Ratio Lower Upper
101 100
85 45.2 35.3 52.9
151 82.8 65.6 98.4

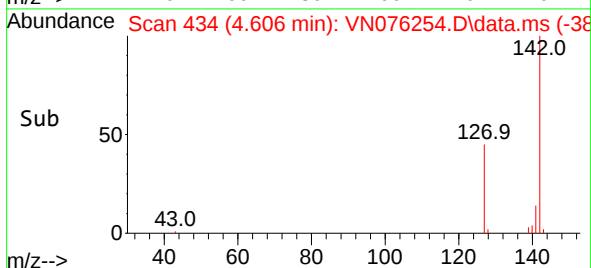
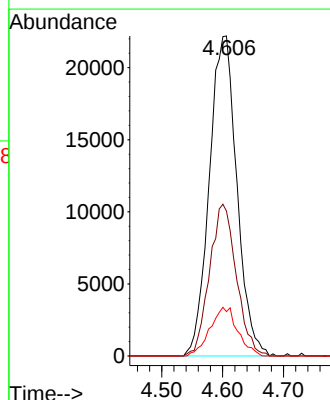
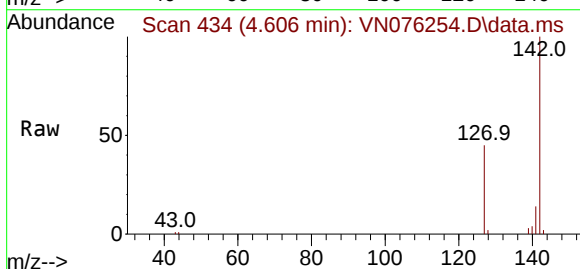
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#10
Methyl Iodide
Concen: 23.981 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

Tgt Ion:142 Resp: 69782
Ion Ratio Lower Upper
142 100
127 46.1 34.7 52.1
141 15.3 11.4 17.2





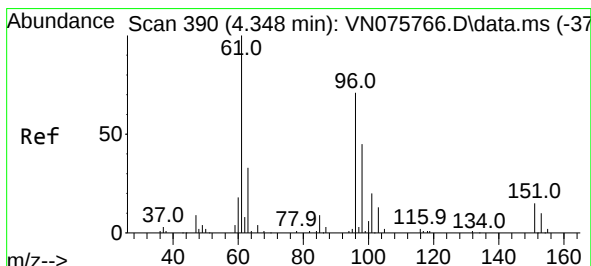
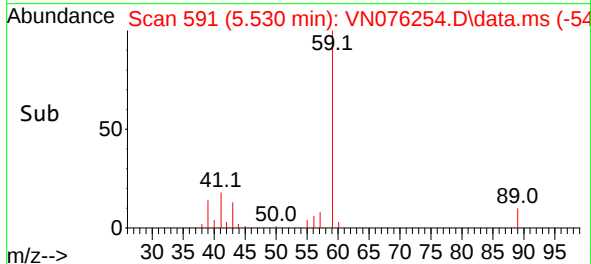
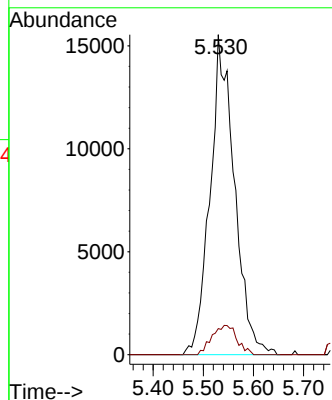
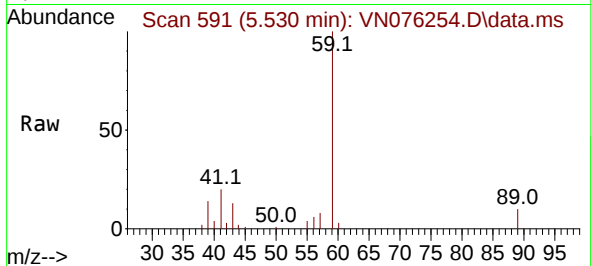
#11
Tert butyl alcohol
Concen: 172.989 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01

Tgt Ion: 59 Resp: 5232
Ion Ratio Lower Upper
59 100
57 9.5 8.2 12.4

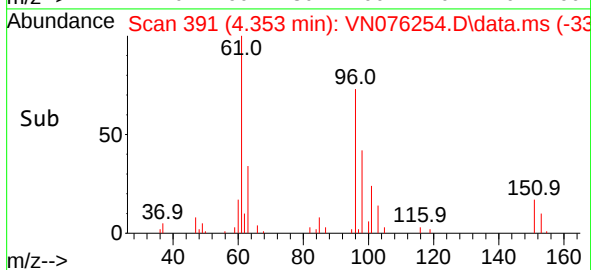
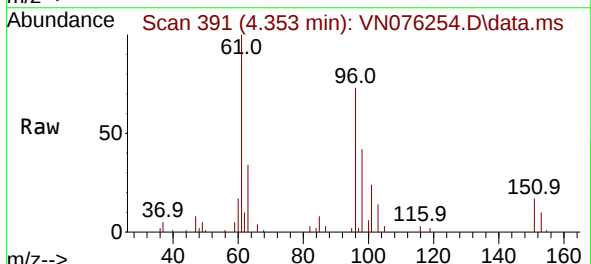
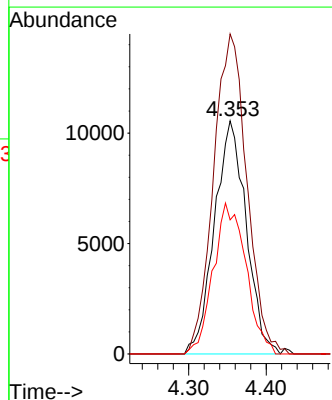
Manual Integrations
APPROVED

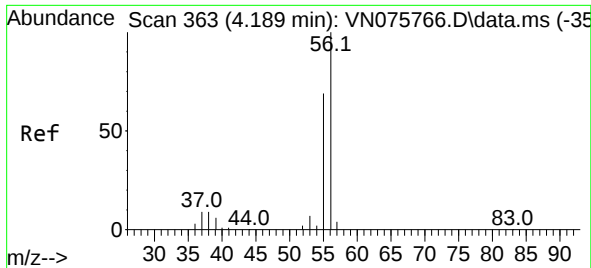
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#12
1,1-Dichloroethene
Concen: 17.269 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

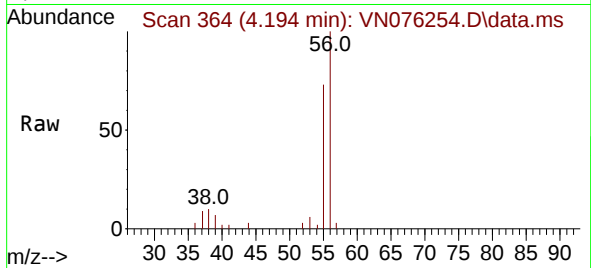
Tgt Ion: 96 Resp: 30072
Ion Ratio Lower Upper
96 100
61 137.3 113.3 169.9
98 57.6 50.9 76.3





#13
Acrolein
Concen: 148.124 ug/l
RT: 4.194 min Scan# 364
Delta R.T. 0.006 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

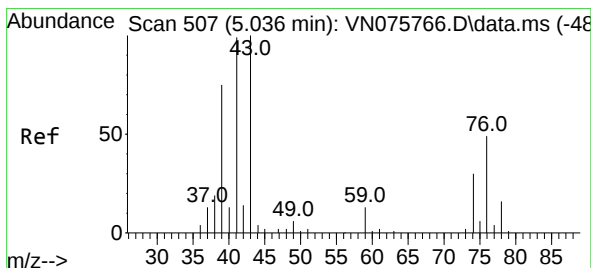
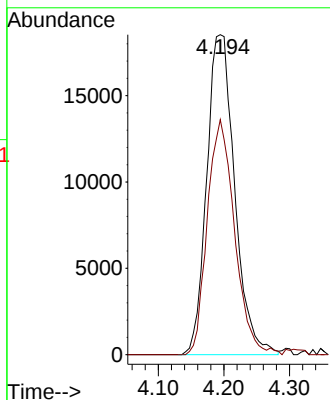
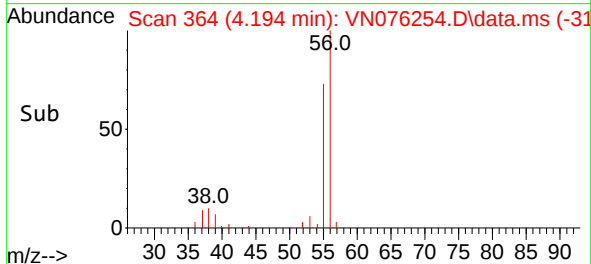
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBSD01



Tgt Ion: 56 Resp: 54920
Ion Ratio Lower Upper
56 100
55 71.5 54.8 82.2

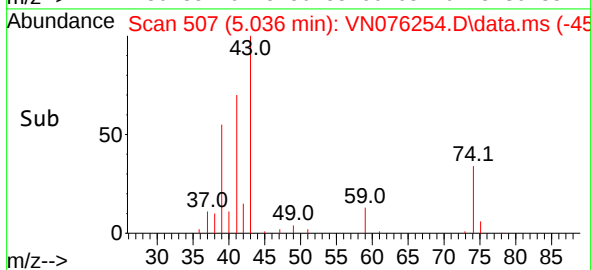
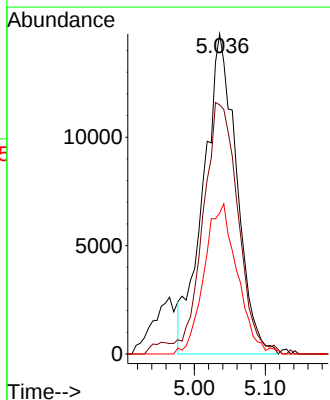
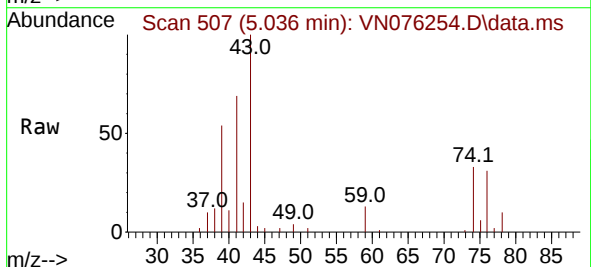
Manual Integrations
APPROVED

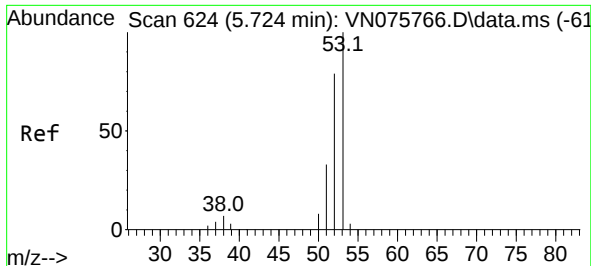
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#14
Allyl chloride
Concen: 23.559 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

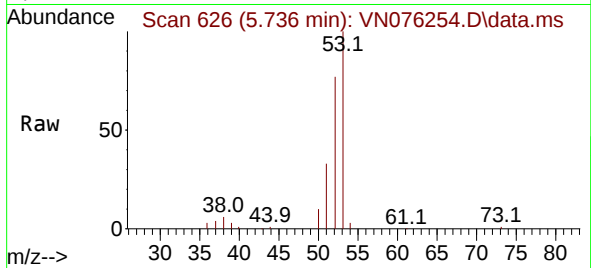
Tgt Ion: 41 Resp: 47959
Ion Ratio Lower Upper
41 100
39 82.3 58.3 87.5
76 46.8 35.8 53.6





#15
Acrylonitrile
Concen: 163.514 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

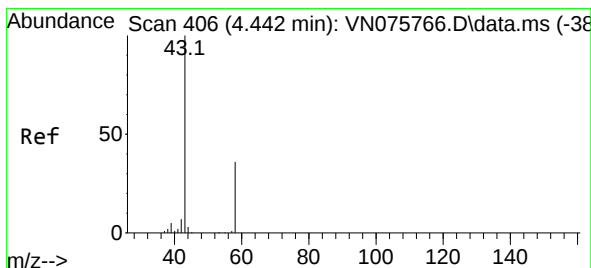
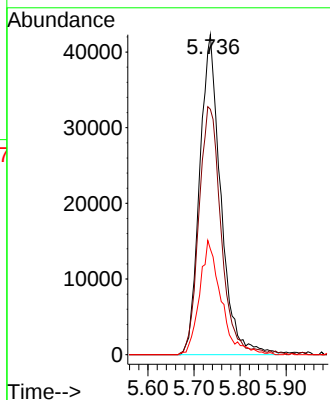
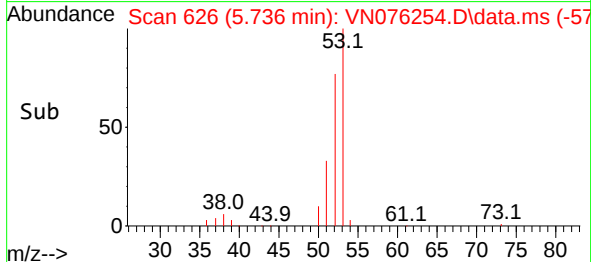
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBSD01



Tgt Ion: 53 Resp: 134960
Ion Ratio Lower Upper
53 100
52 81.6 65.4 98.0
51 36.6 28.9 43.3

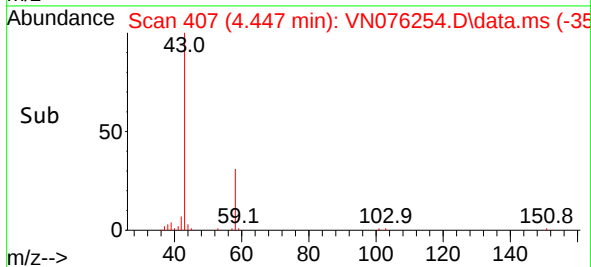
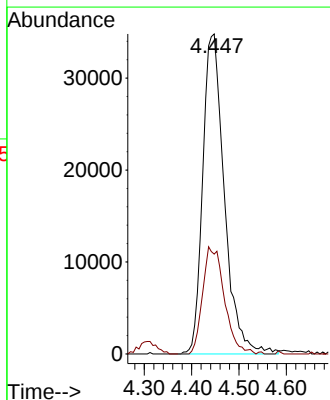
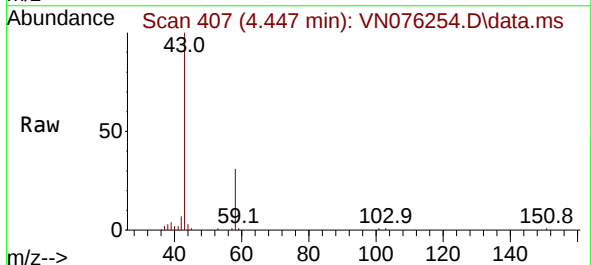
Manual Integrations
APPROVED

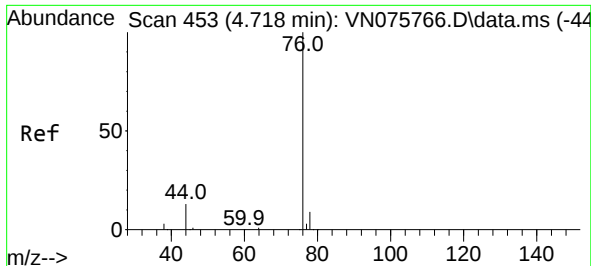
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#16
Acetone
Concen: 149.493 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

Tgt Ion: 43 Resp: 110156
Ion Ratio Lower Upper
43 100
58 31.2 28.6 43.0





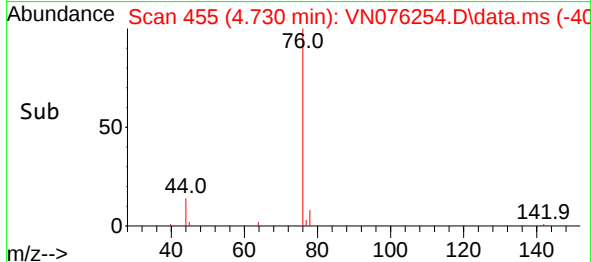
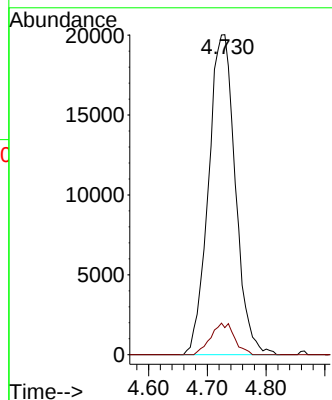
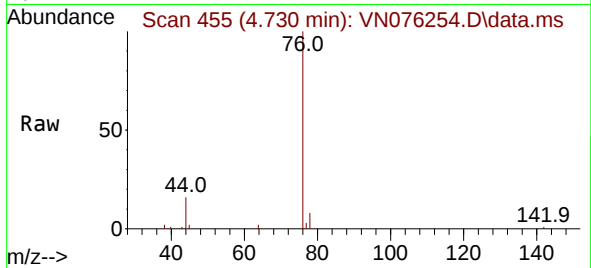
#17
Carbon Disulfide
Concen: 15.074 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

Instrument :
MSVOA_N
ClientSampleId :
VN0113MBSD01

Tgt Ion: 76 Resp: 6355
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2

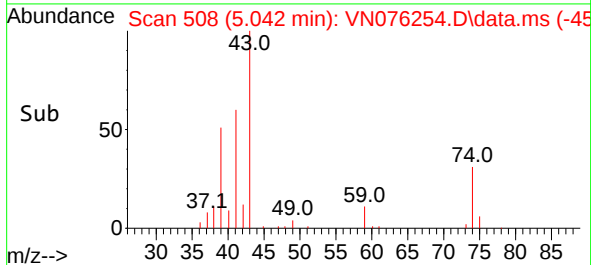
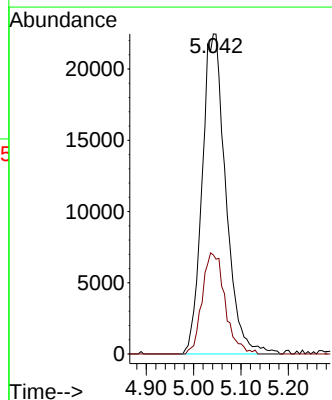
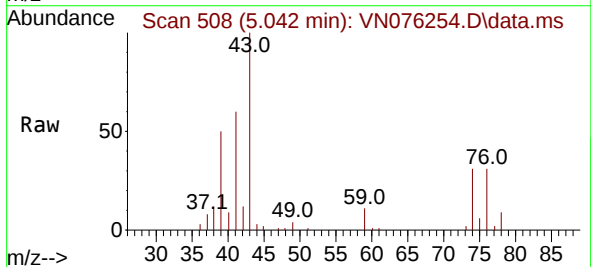
Manual Integrations
APPROVED

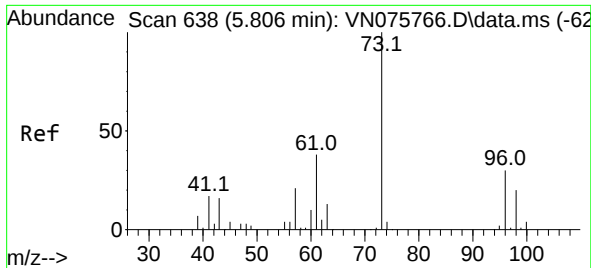
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#18
Methyl Acetate
Concen: 35.800 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

Tgt Ion: 43 Resp: 77976
Ion Ratio Lower Upper
43 100
74 30.5 23.6 35.4





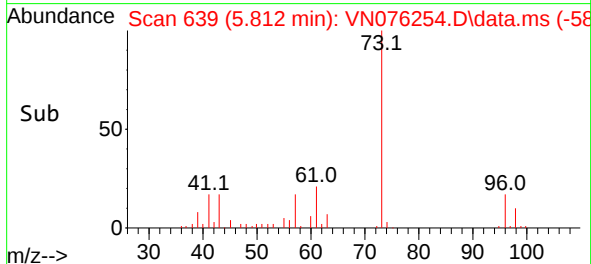
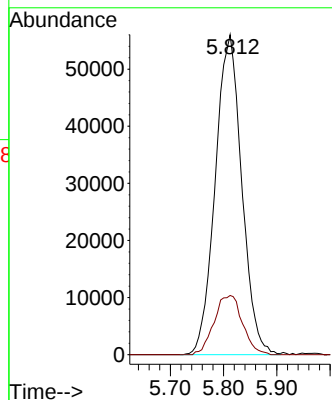
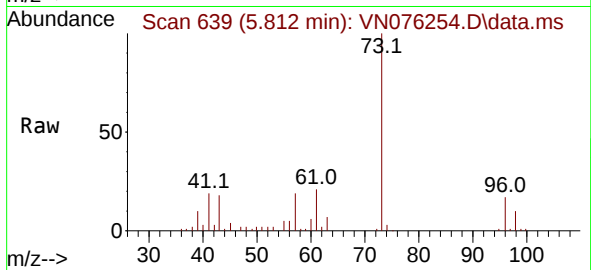
#19
Methyl tert-butyl Ether
Concen: 33.796 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

Instrument :
MSVOA_N
ClientSampleId :
VN0113MBSD01

Tgt Ion: 73 Resp: 193809
Ion Ratio Lower Upper
73 100
57 18.5 17.1 25.7

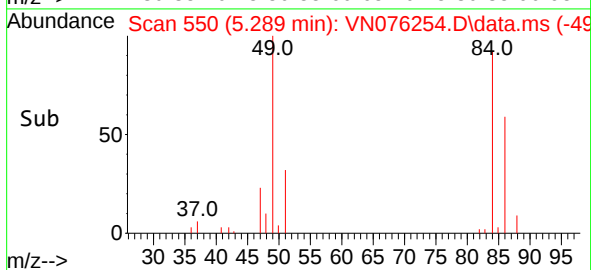
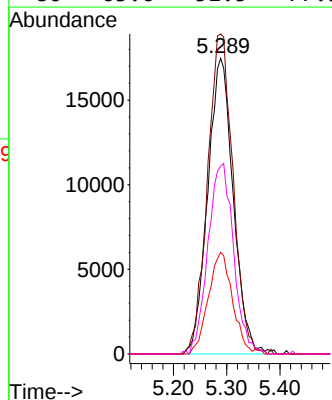
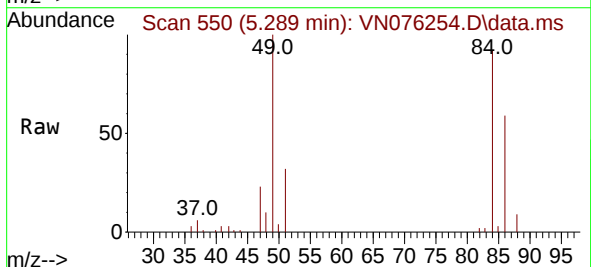
Manual Integrations
APPROVED

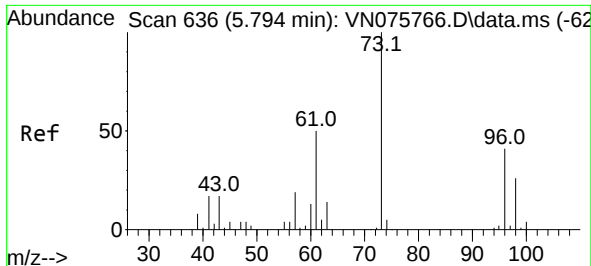
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#20
Methylene Chloride
Concen: 29.299 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

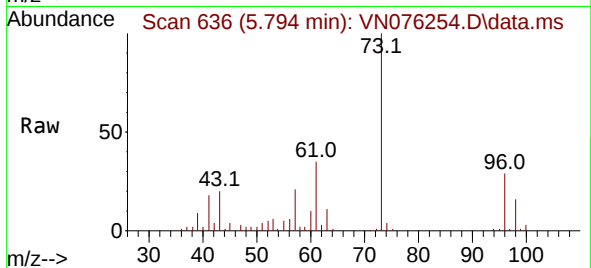
Tgt Ion: 84 Resp: 58275
Ion Ratio Lower Upper
84 100
49 108.2 81.8 122.6
51 34.4 26.7 40.1
86 63.6 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 20.397 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

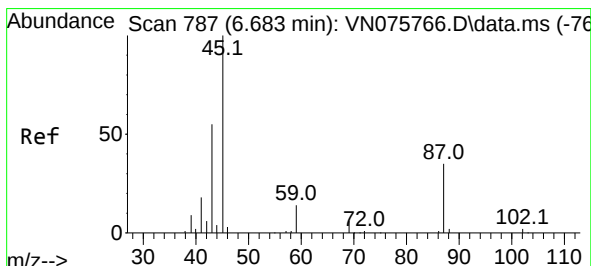
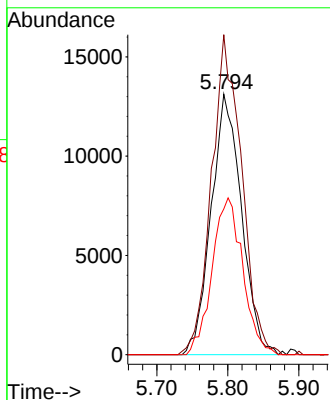
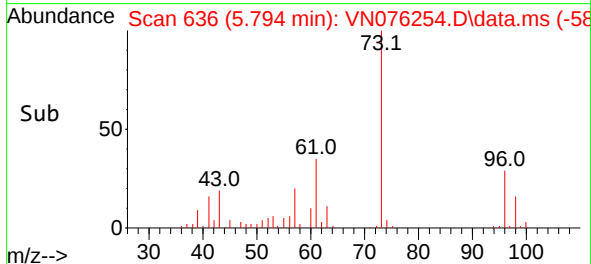
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBSD01



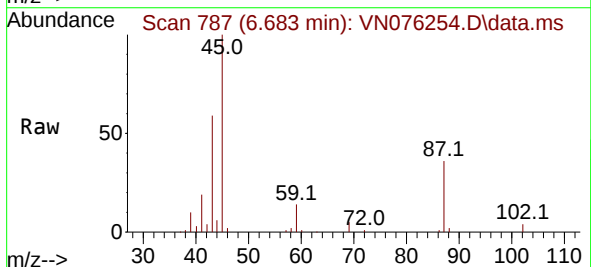
Tgt Ion: 96 Resp: 38900
Ion Ratio Lower Upper
96 100
61 122.8 98.1 147.1
98 56.0 51.4 77.2

Manual Integrations
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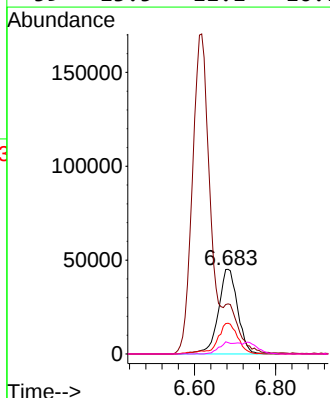
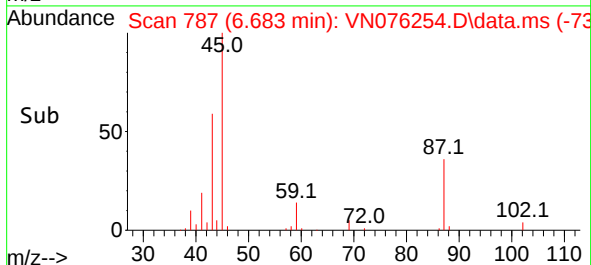
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#22
Diisopropyl ether
Concen: 30.141 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27



Tgt Ion: 45 Resp: 149053
Ion Ratio Lower Upper
45 100
43 58.0 44.2 66.4
87 36.3 28.3 42.5
59 13.5 11.1 16.7





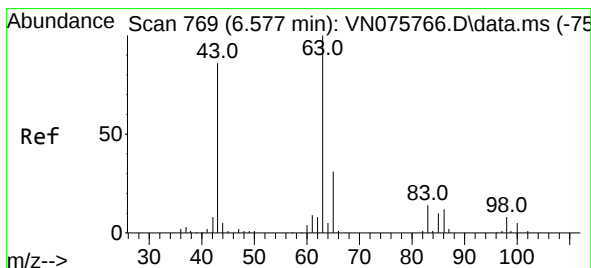
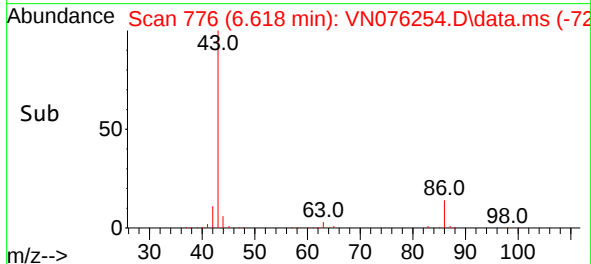
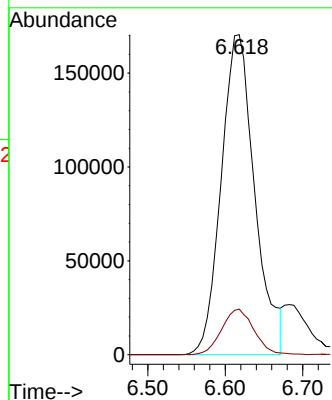
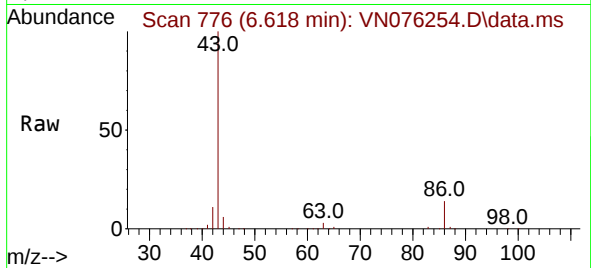
#23
 Vinyl Acetate
 Concen: 154.346 ug/l
 RT: 6.618 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN076254.D
 Acq: 13 Jan 2023 17:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0113MBSD01

Tgt Ion: 43 Resp: 51374
 Ion Ratio Lower Upper
 43 100
 86 14.3 11.4 17.2

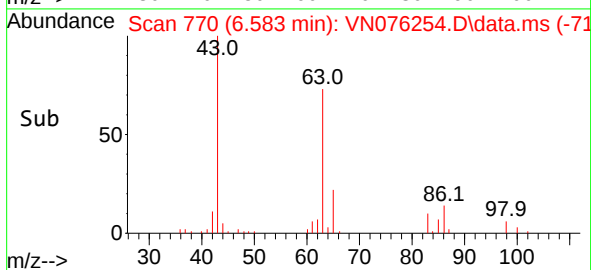
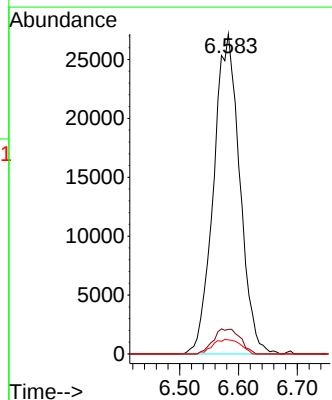
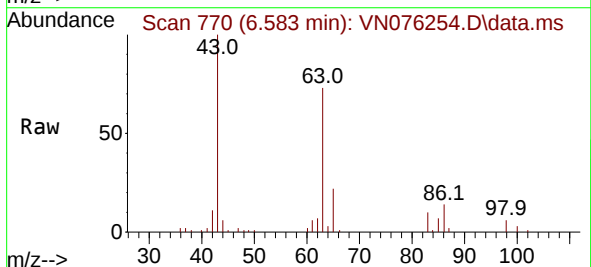
Manual Integrations
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Reviewed By :John Carlone 01/16/2023
 Supervised By :Mahesh Dadoda 01/16/2023



#24
 1,1-Dichloroethane
 Concen: 25.476 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN076254.D
 Acq: 13 Jan 2023 17:27

Tgt Ion: 63 Resp: 84022
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.5
 100 4.4 2.5 7.6





#25

2-Butanone

Concen: 162.407 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076254.D

Acq: 13 Jan 2023 17:27

Instrument :

MSVOA_N

ClientSampleId :

VN0113MBS01

Tgt Ion: 43 Resp: 167562

Ion Ratio Lower Upper

43 100

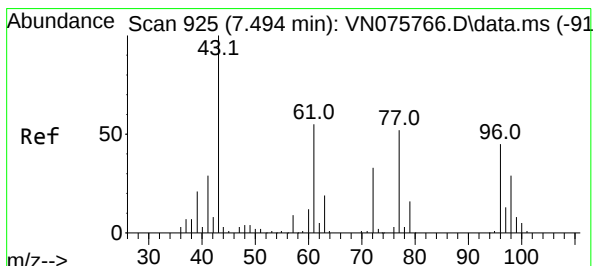
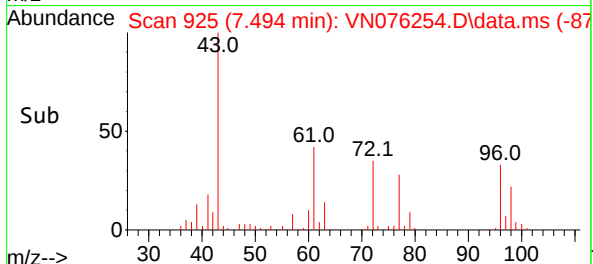
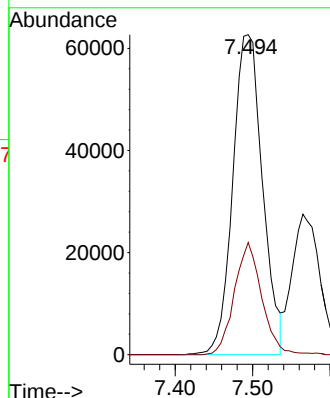
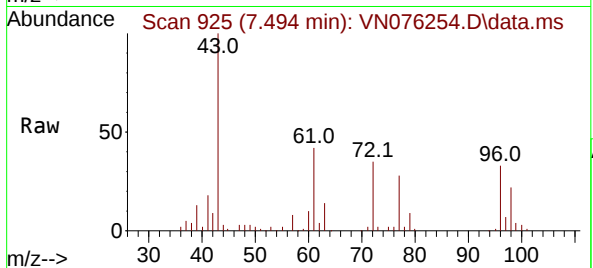
72 35.1 28.0 42.0

Manual Integrations

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Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#26

2,2-Dichloropropane

Concen: 18.571 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.000 min

Lab File: VN076254.D

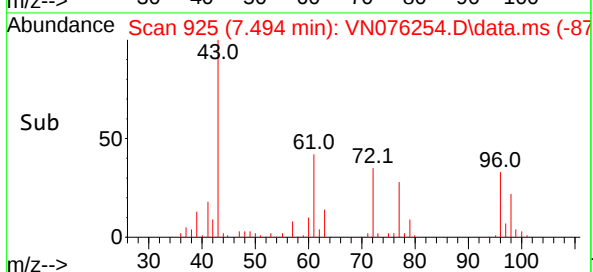
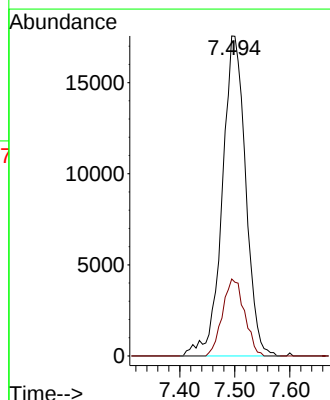
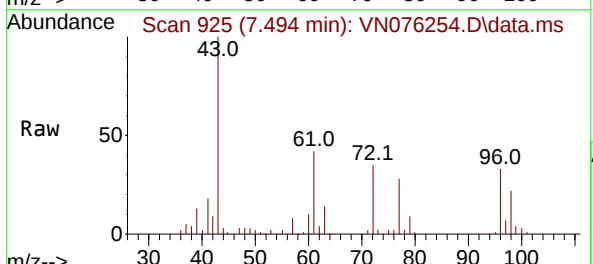
Acq: 13 Jan 2023 17:27

Tgt Ion: 77 Resp: 51870

Ion Ratio Lower Upper

77 100

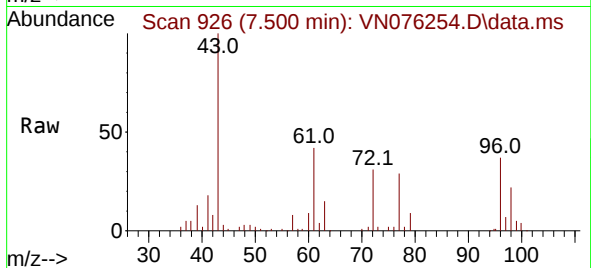
97 22.7 12.7 38.0





#27
 cis-1,2-Dichloroethene
 Concen: 25.442 ug/l
 RT: 7.500 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN076254.D
 Acq: 13 Jan 2023 17:27

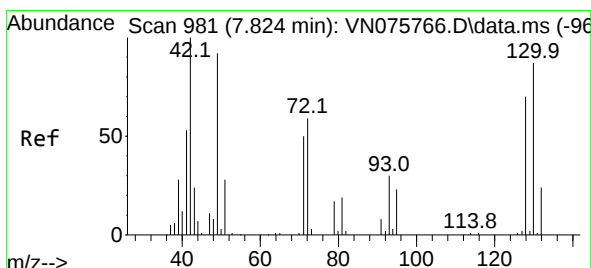
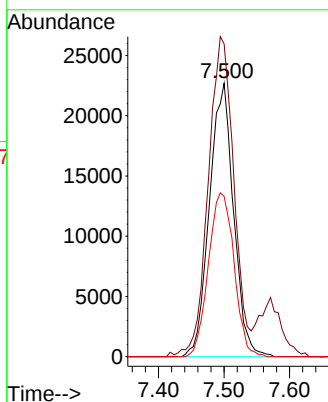
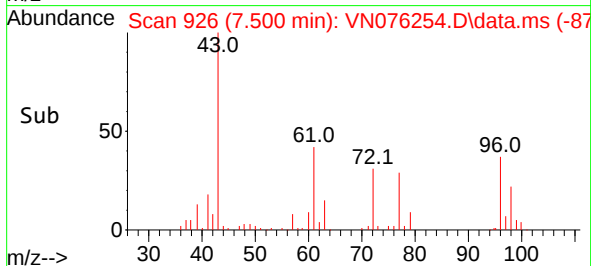
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0113MBS01



Tgt Ion: 96 Resp: 5803
 Ion Ratio Lower Upper
 96 100
 61 123.9 0.0 247.8
 98 63.5 0.0 128.4

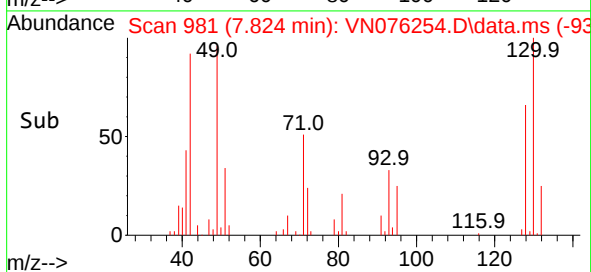
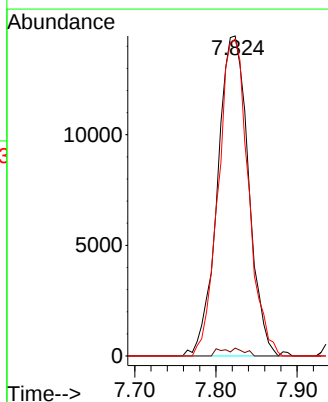
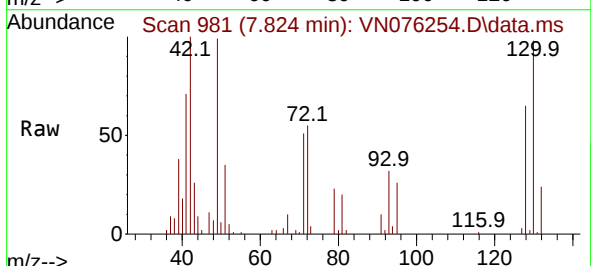
Manual Integrations
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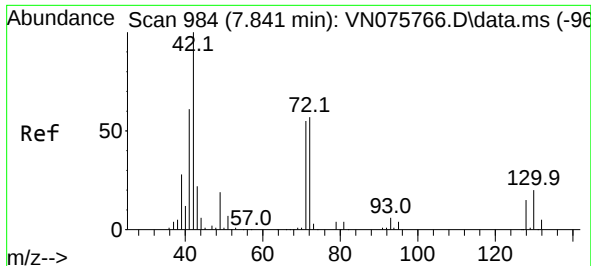
Reviewed By :John Carlone 01/16/2023
 Supervised By :Mahesh Dadoda 01/16/2023



#28
 Bromochloromethane
 Concen: 26.539 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. -0.000 min
 Lab File: VN076254.D
 Acq: 13 Jan 2023 17:27

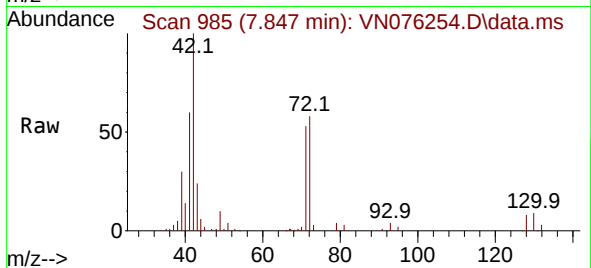
Tgt Ion: 49 Resp: 38364
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 5.0
 130 95.6 77.0 115.4





#29
Tetrahydrofuran
Concen: 165.467 ug/l
RT: 7.847 min Scan# 984
Delta R.T. 0.006 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

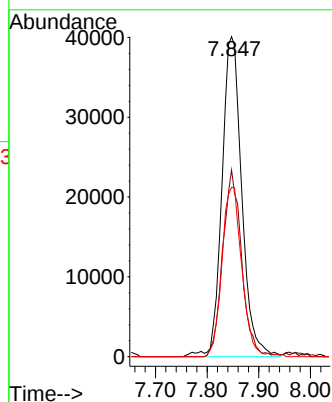
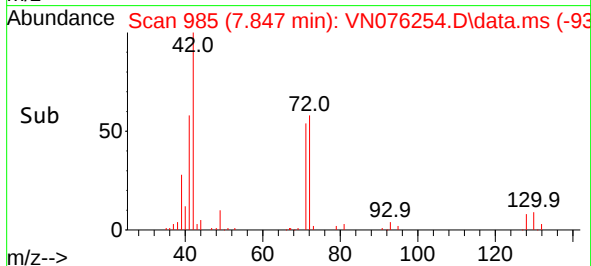
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBSD01



Tgt Ion: 42 Resp: 106985
Ion Ratio Lower Upper
42 100
72 55.5 44.5 66.7
71 52.9 41.0 61.6

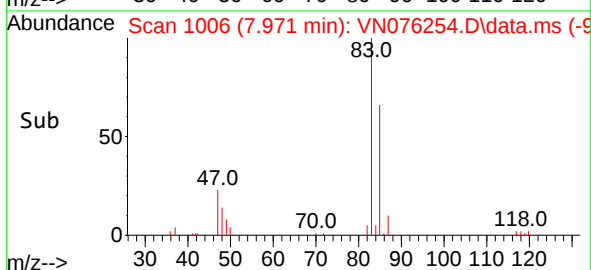
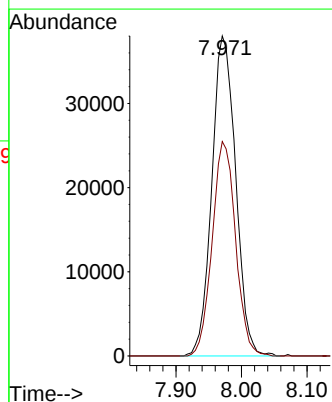
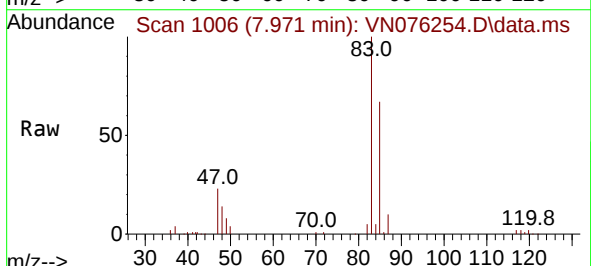
Manual Integrations
APPROVED

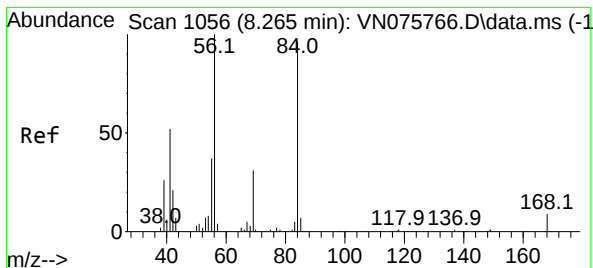
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#30
Chloroform
Concen: 25.824 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

Tgt Ion: 83 Resp: 95894
Ion Ratio Lower Upper
83 100
85 67.0 49.1 73.7





#31

Cyclohexane

Concen: 13.948 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN076254.D

Acq: 13 Jan 2023 17:27

Instrument :

MSVOA_N

ClientSampleId :

VN0113MBS01

Tgt Ion: 56 Resp: 4270

Ion Ratio Lower Upper

56 100

69 35.5 24.7 37.1

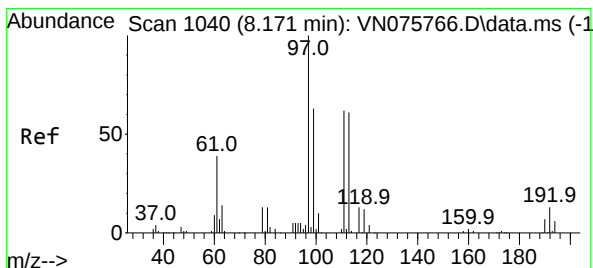
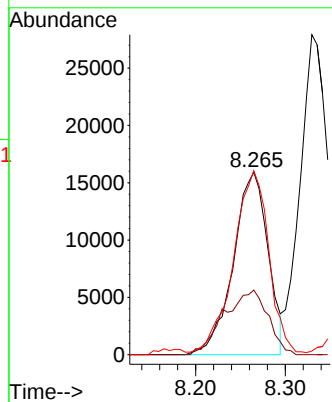
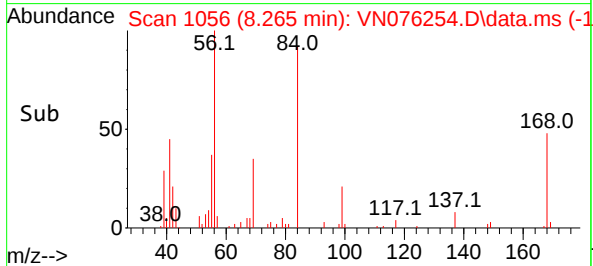
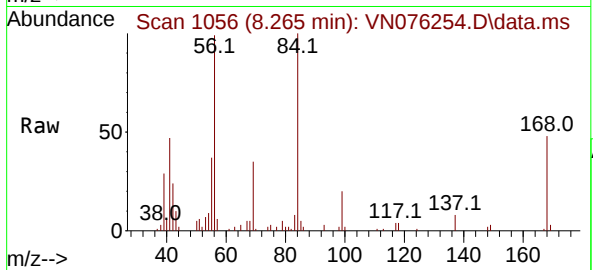
84 98.0 76.5 114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#32

1,1,1-Trichloroethane

Concen: 19.544 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076254.D

Acq: 13 Jan 2023 17:27

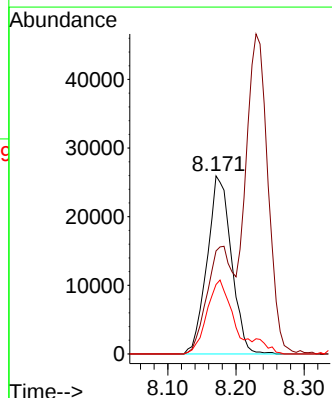
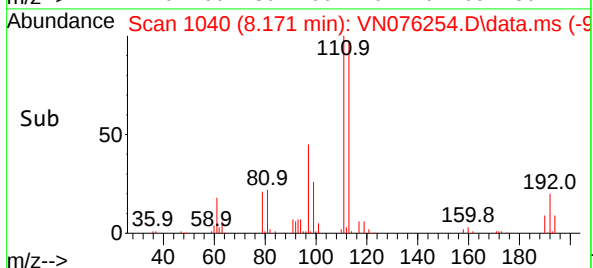
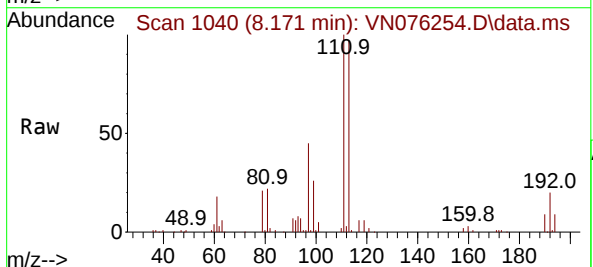
Tgt Ion: 97 Resp: 64339

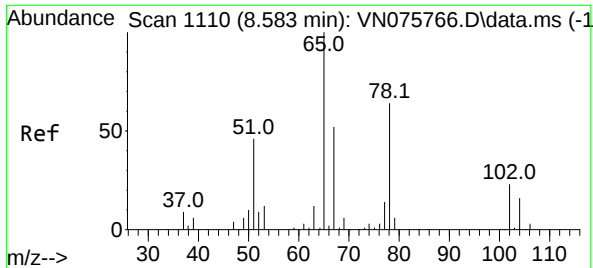
Ion Ratio Lower Upper

97 100

99 65.0 50.2 75.2

61 44.3 34.5 51.7





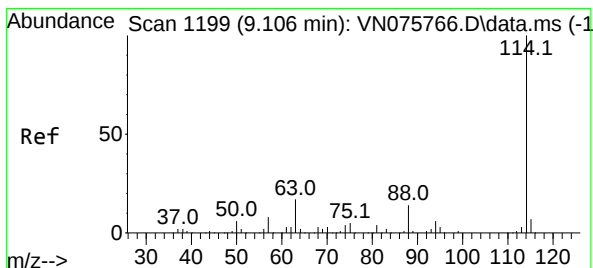
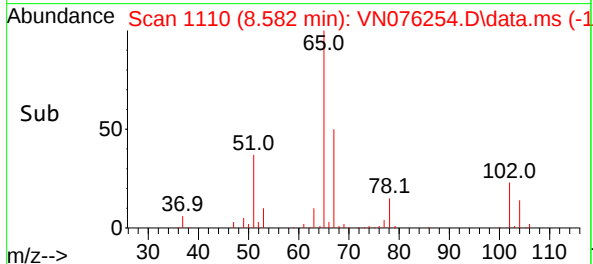
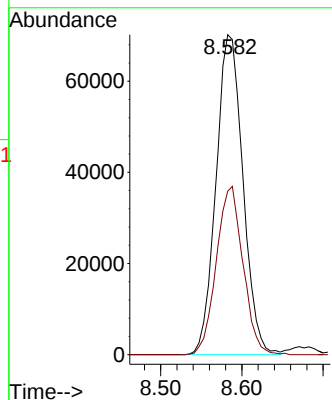
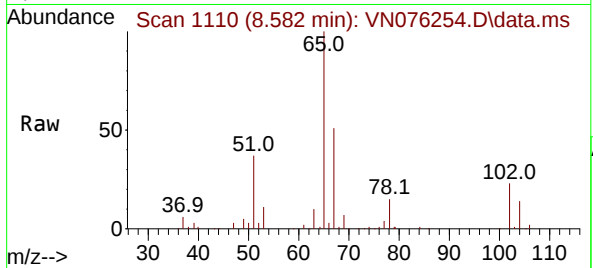
#33
1,2-Dichloroethane-d4
Concen: 75.719 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

Instrument :
MSVOA_N
ClientSampleId :
VN0113MBSD01

Tgt Ion: 65 Resp: 16185
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.4

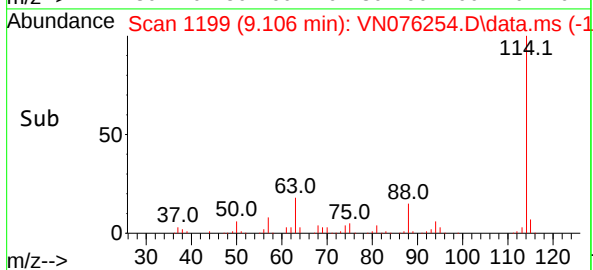
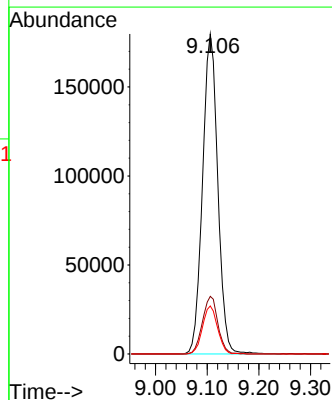
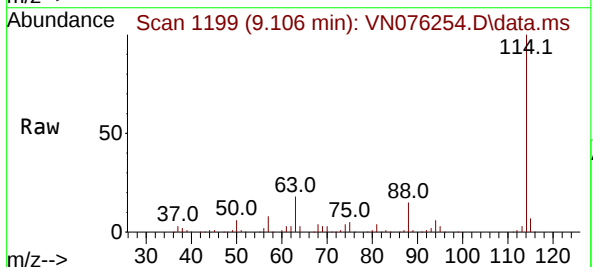
Manual Integrations
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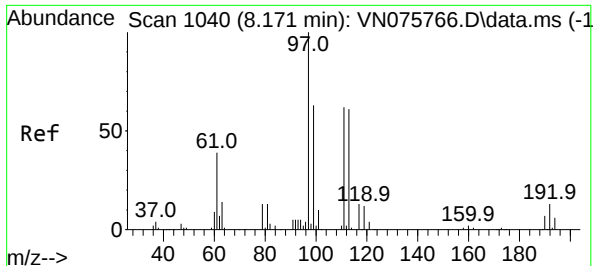
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

Tgt Ion:114 Resp: 367372
Ion Ratio Lower Upper
114 100
63 18.0 0.0 34.4
88 15.0 0.0 28.8





#35

Dibromofluoromethane

Concen: 59.758 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076254.D

Acq: 13 Jan 2023 17:27

Instrument :

MSVOA_N

ClientSampleId :

VN0113MBS01

Tgt Ion:113 Resp: 13595

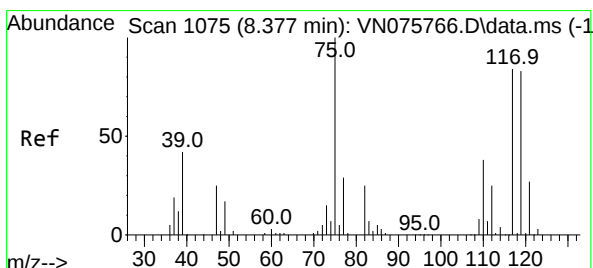
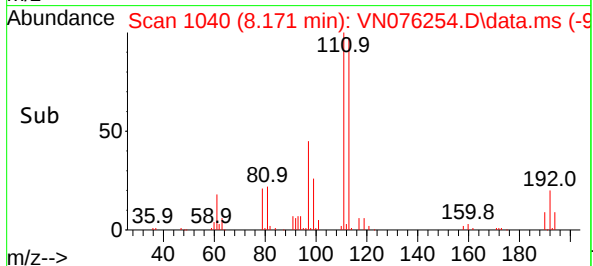
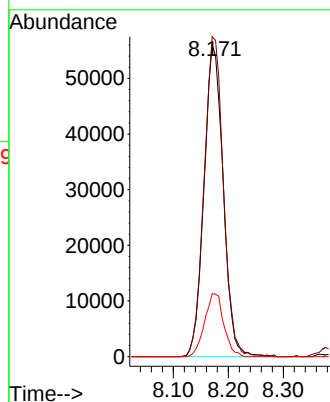
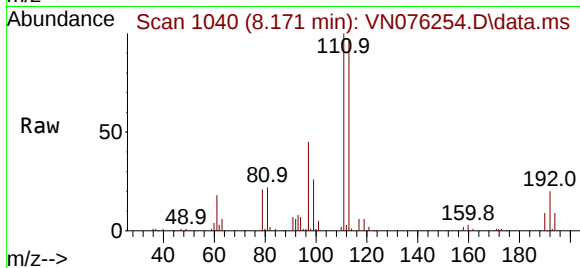
Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.4	125.2
192	20.2	16.1	24.1

Manual Integrations

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Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#36

1,1-Dichloropropene

Concen: 14.799 ug/l

RT: 8.377 min Scan# 1075

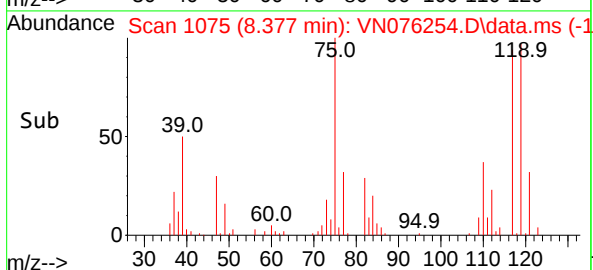
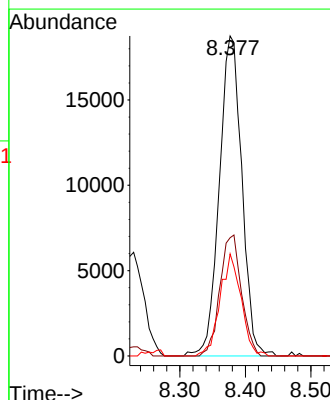
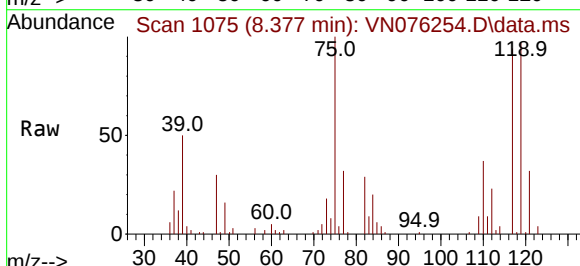
Delta R.T. -0.000 min

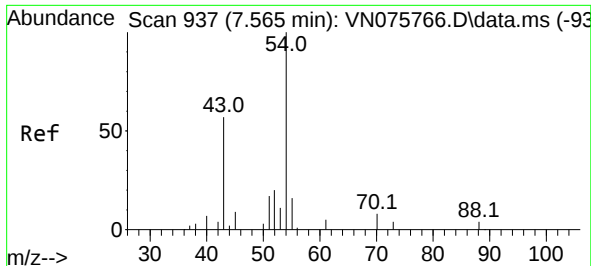
Lab File: VN076254.D

Acq: 13 Jan 2023 17:27

Tgt Ion: 75 Resp: 44726

Ion	Ratio	Lower	Upper
75	100		
110	36.1	18.8	56.4
77	29.8	24.1	36.1





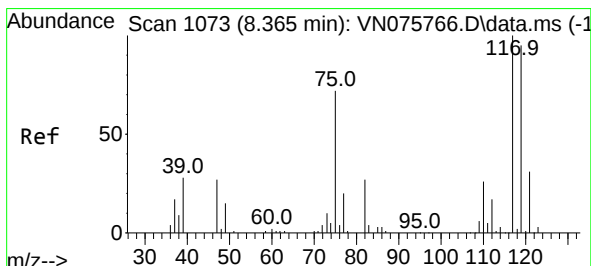
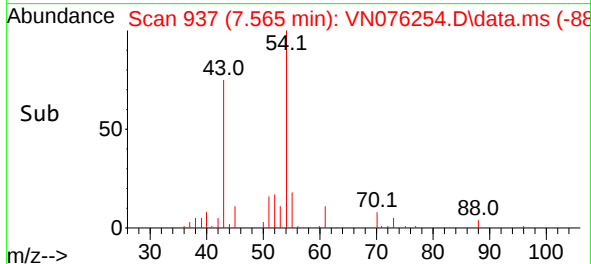
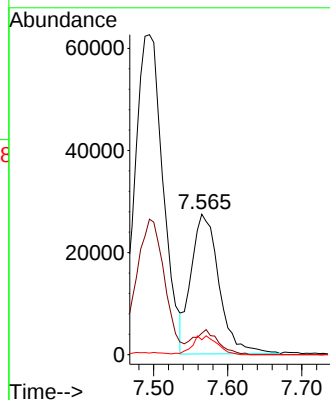
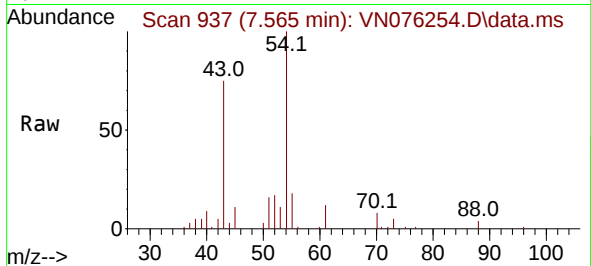
#37
Ethyl Acetate
Concen: 29.545 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

Instrument :
MSVOA_N
ClientSampleId :
VN0113MBSD01

Tgt Ion: 43 Resp: 7172
Ion Ratio Lower Upper
43 100
61 16.0 13.0 19.4
70 11.9 9.4 14.0

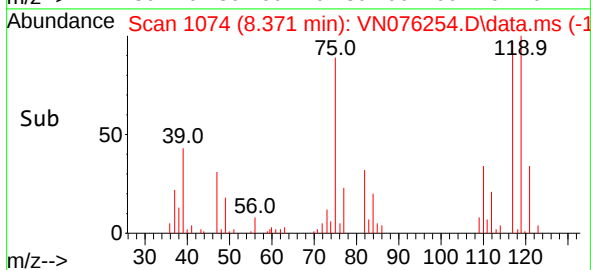
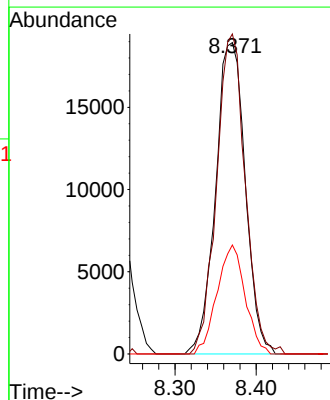
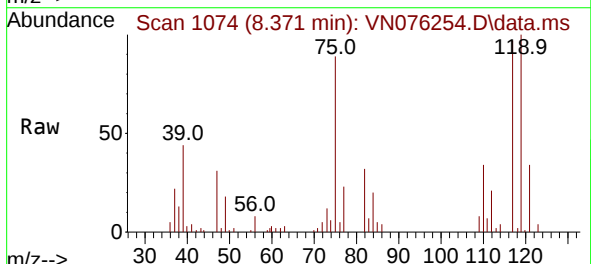
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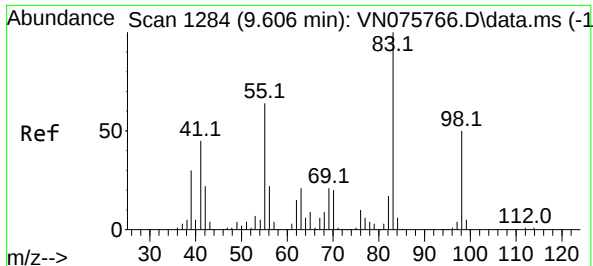
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#38
Carbon Tetrachloride
Concen: 14.238 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

Tgt Ion:117 Resp: 48161
Ion Ratio Lower Upper
117 100
119 102.8 76.1 114.1
121 35.0 24.5 36.7





#39

Methylcyclohexane

Concen: 12.434 ug/l

RT: 9.606 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN076254.D

Acq: 13 Jan 2023 17:27

Instrument :

MSVOA_N

ClientSampleId :

VN0113MBSD01

Tgt Ion: 83 Resp: 45330

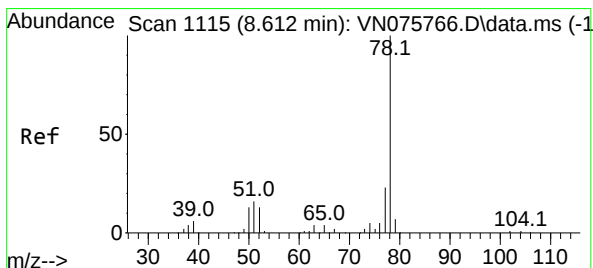
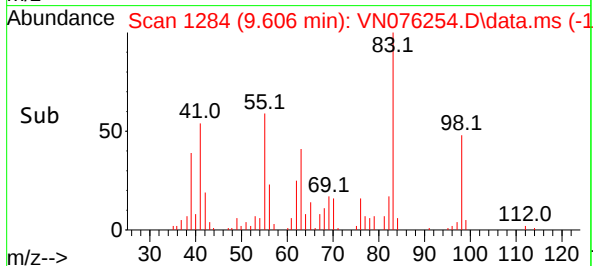
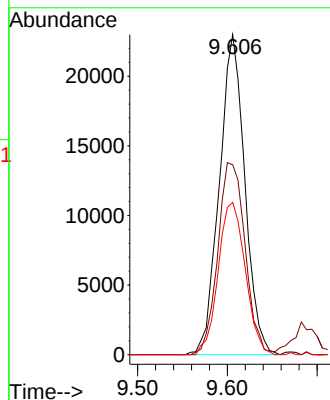
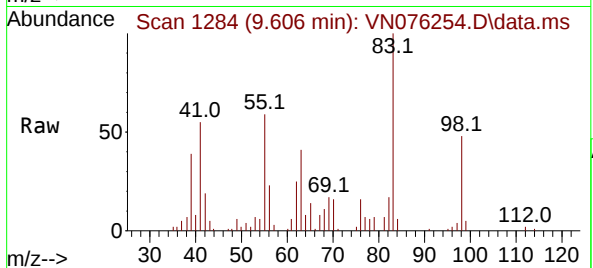
Ion	Ratio	Lower	Upper
83	100		
55	59.3	51.4	77.0
98	47.6	39.8	59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#40

Benzene

Concen: 20.328 ug/l

RT: 8.612 min Scan# 1115

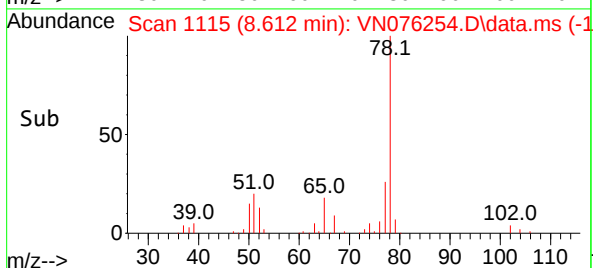
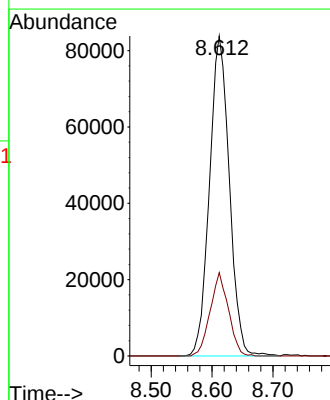
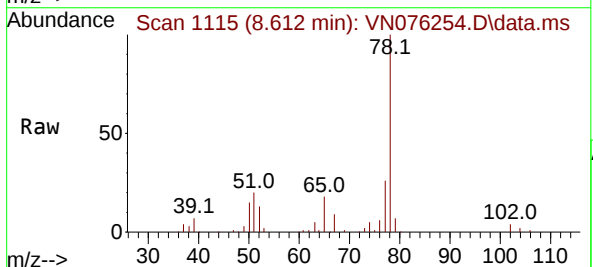
Delta R.T. -0.000 min

Lab File: VN076254.D

Acq: 13 Jan 2023 17:27

Tgt Ion: 78 Resp: 189551

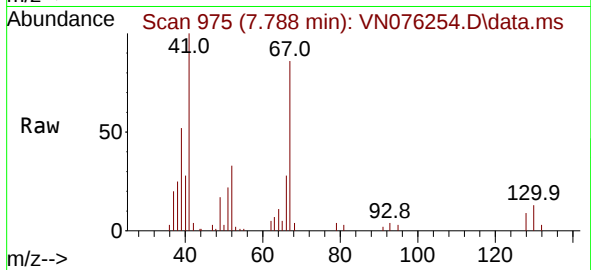
Ion	Ratio	Lower	Upper
78	100		
77	26.1	18.5	27.7





#41
Methacrylonitrile
Concen: 29.223 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

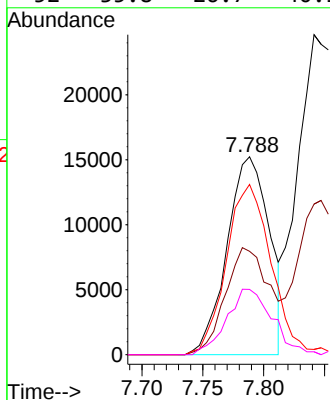
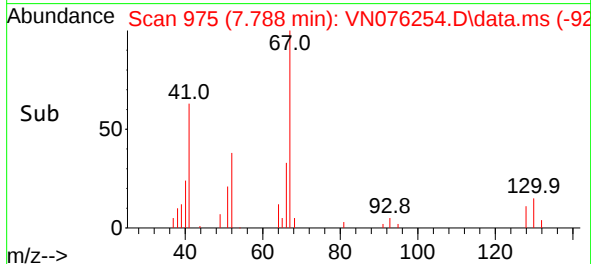
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBSD01



Tgt Ion: 41 Resp: 3687
Ion Ratio Lower Upper
41 100
39 55.4 43.1 64.7
67 92.1 70.7 106.1
52 35.8 26.7 40.1

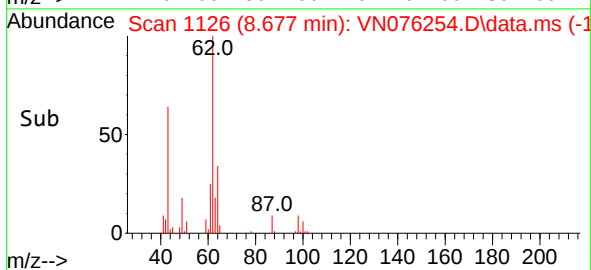
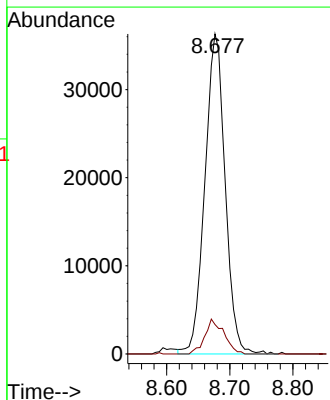
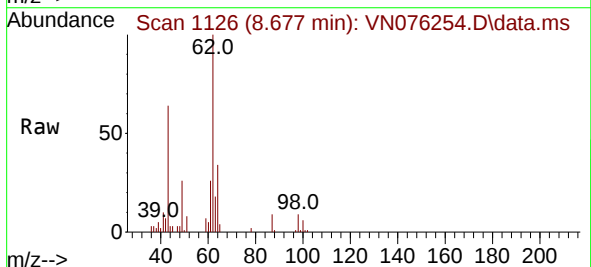
Manual Integrations
APPROVED

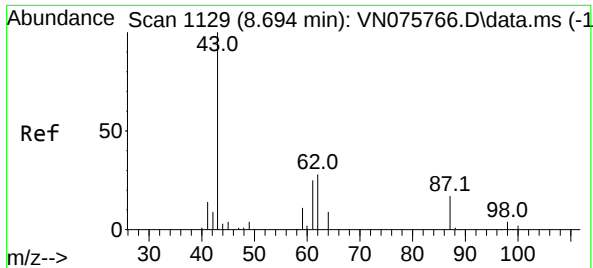
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#42
1,2-Dichloroethane
Concen: 26.141 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

Tgt Ion: 62 Resp: 81037
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.8





#43

Isopropyl Acetate

Concen: 32.703 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN076254.D

Acq: 13 Jan 2023 17:27

Instrument :

MSVOA_N

ClientSampleId :

VN0113MBS01

Tgt Ion: 43 Resp: 130958

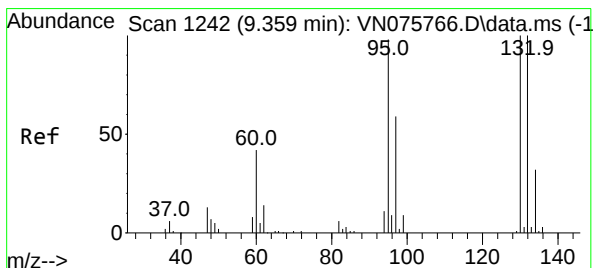
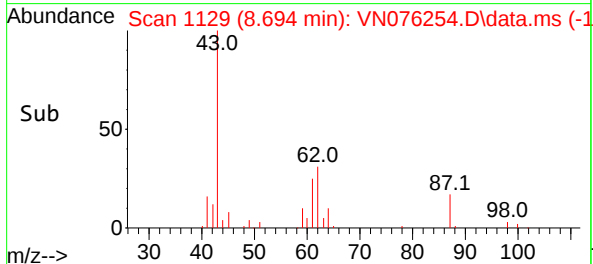
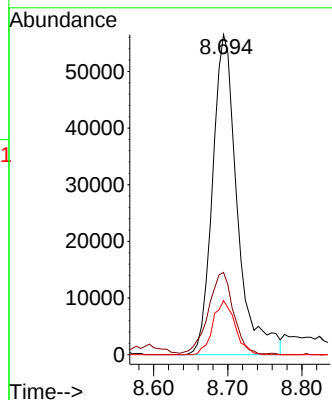
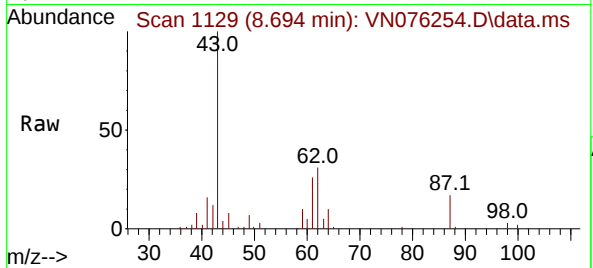
Ion	Ratio	Lower	Upper
43	100		
61	25.7	24.2	36.4
87	15.1	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#44

Trichloroethene

Concen: 17.201 ug/l

RT: 9.353 min Scan# 1241

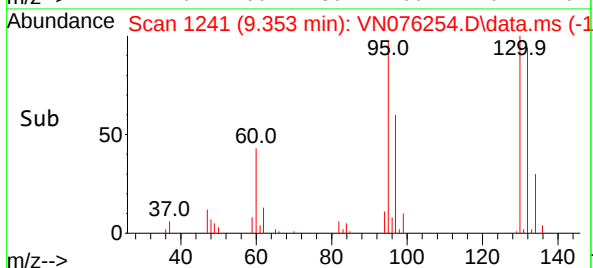
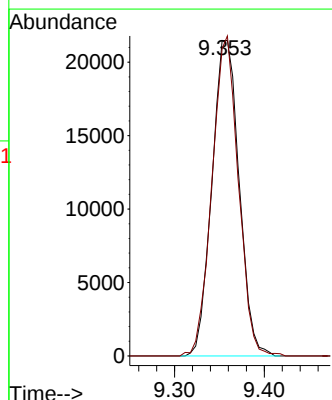
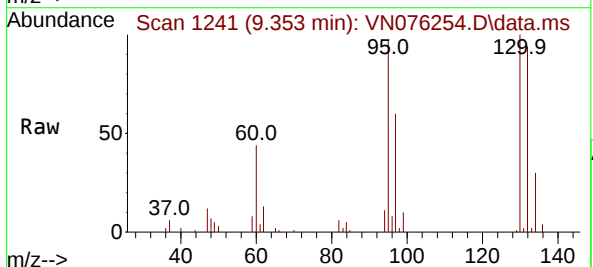
Delta R.T. -0.006 min

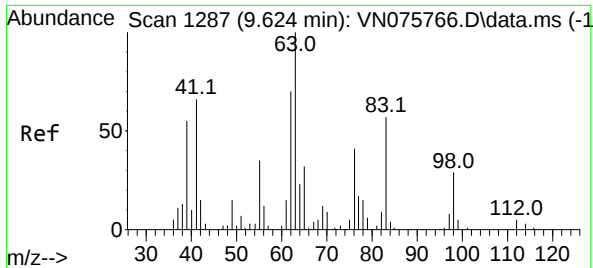
Lab File: VN076254.D

Acq: 13 Jan 2023 17:27

Tgt Ion:130 Resp: 45186

Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	195.4





#45

1,2-Dichloropropane

Concen: 22.479 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076254.D

Acq: 13 Jan 2023 17:27

Instrument :

MSVOA_N

ClientSampleId :

VN0113MBS01

Tgt Ion: 63 Resp: 5100

Ion Ratio Lower Upper

63 100

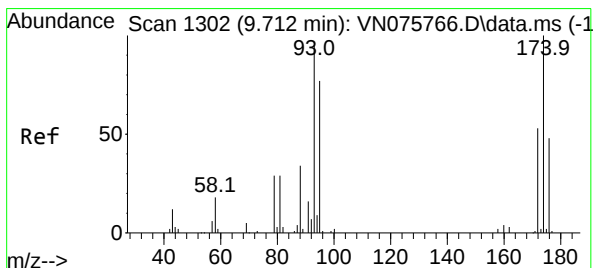
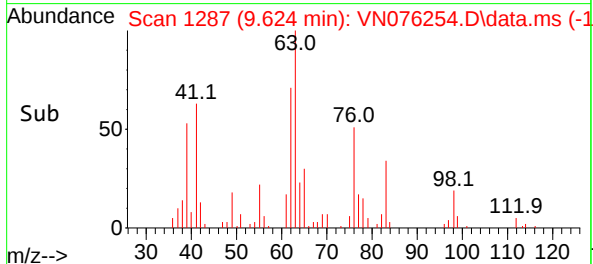
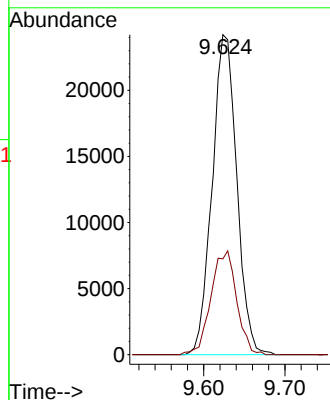
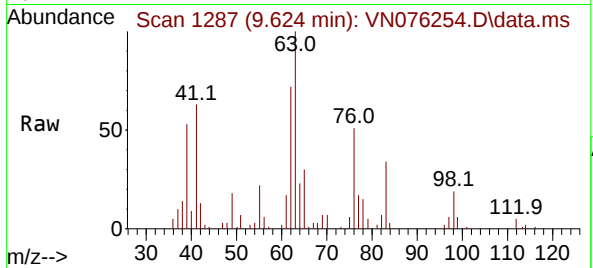
65 30.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#46

Dibromomethane

Concen: 24.637 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076254.D

Acq: 13 Jan 2023 17:27

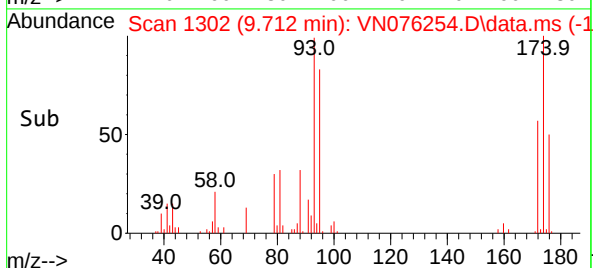
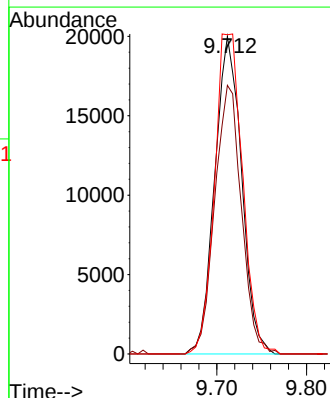
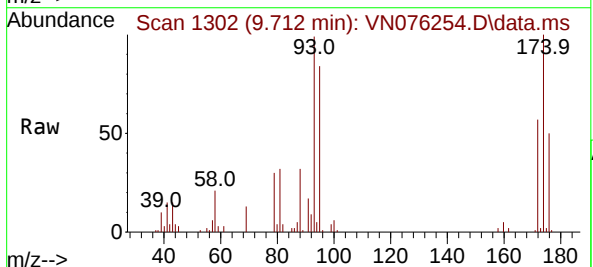
Tgt Ion: 93 Resp: 41464

Ion Ratio Lower Upper

93 100

95 84.4 65.2 97.8

174 105.1 82.4 123.6





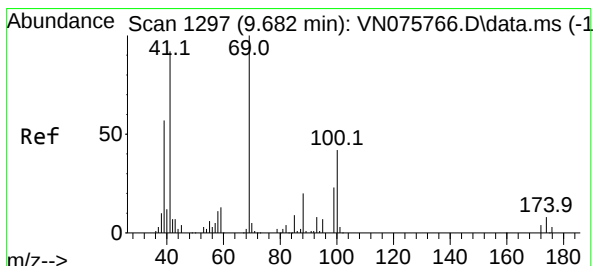
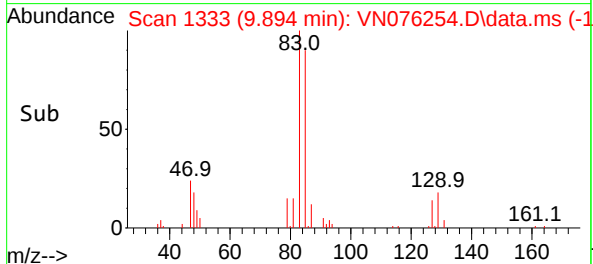
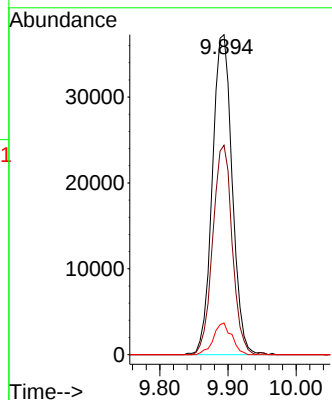
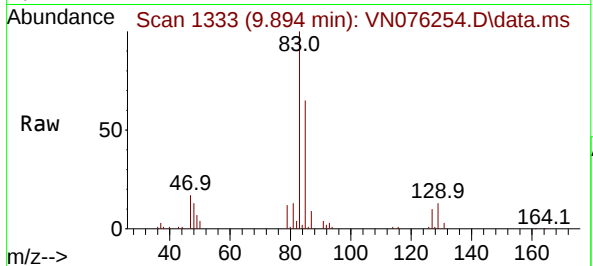
#47
Bromodichloromethane
Concen: 22.867 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

Instrument :
MSVOA_N
Client Sample Id :
VN0113MBS01

Tgt Ion: 83 Resp: 75469
Ion Ratio Lower Upper
83 100
85 65.4 51.5 77.3
127 9.9 6.6 10.0

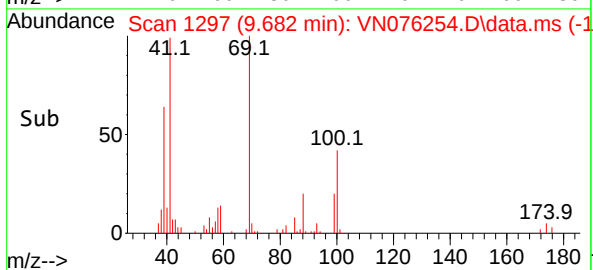
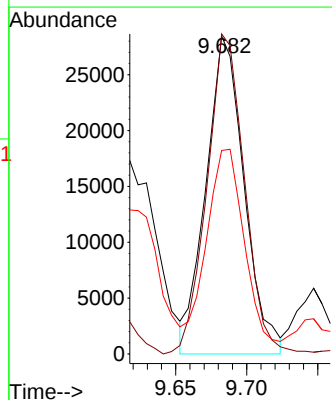
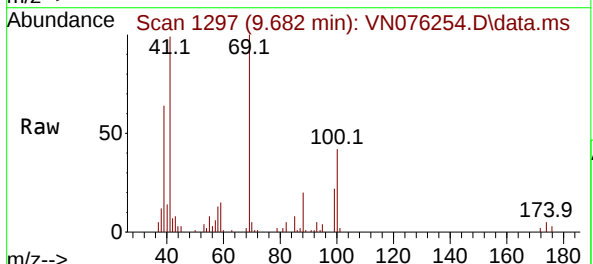
Manual Integrations
APPROVED

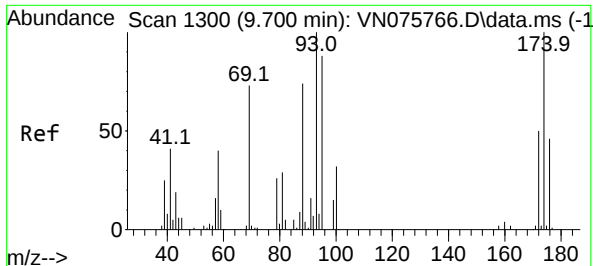
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#48
Methyl methacrylate
Concen: 29.461 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

Tgt Ion: 41 Resp: 53135
Ion Ratio Lower Upper
41 100
69 99.0 81.9 122.9
39 66.2 51.6 77.4





#49

1,4-Dioxane

Concen: 553.880 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN076254.D

Acq: 13 Jan 2023 17:27

Instrument :

MSVOA_N

ClientSampleId :

VN0113MBS01

Tgt Ion: 88 Resp: 2455

Ion Ratio Lower Upper

88 100

43 24.2 17.1 25.7

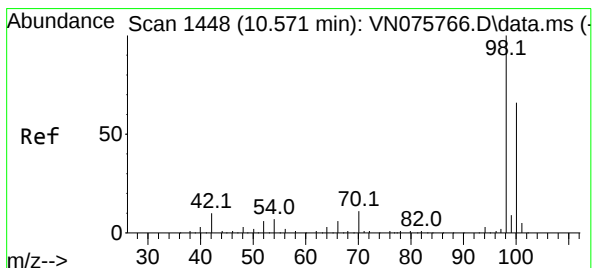
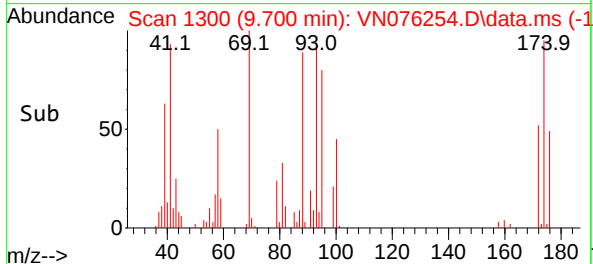
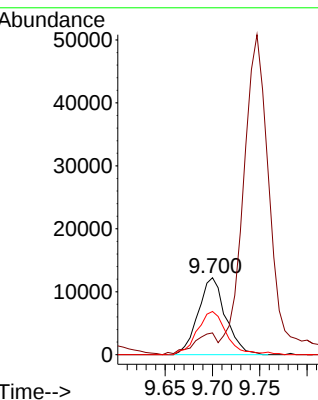
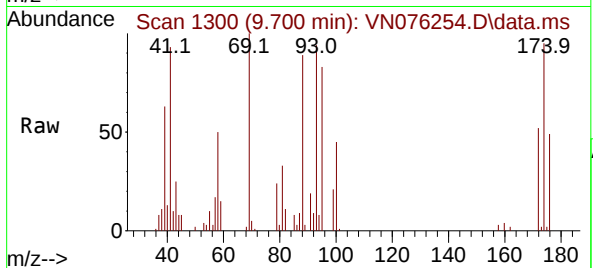
58 60.5 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#50

Toluene-d8

Concen: 45.407 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076254.D

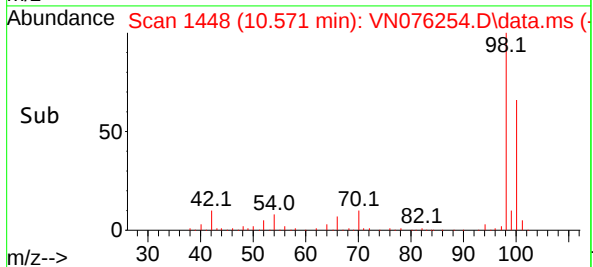
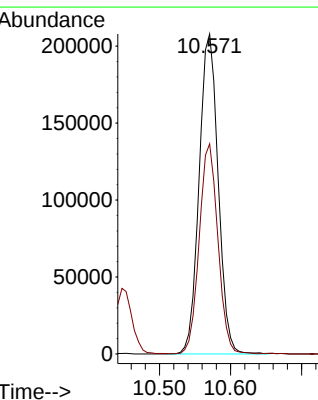
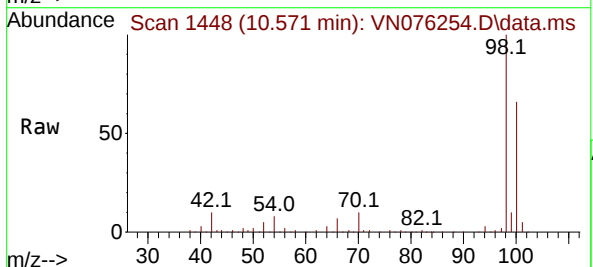
Acq: 13 Jan 2023 17:27

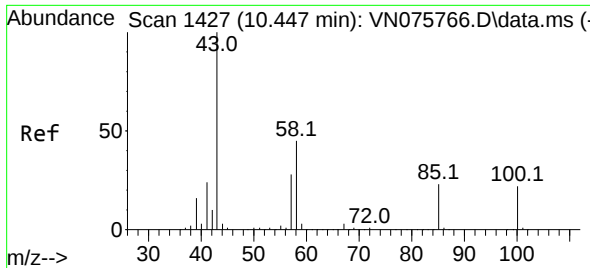
Tgt Ion: 98 Resp: 386247

Ion Ratio Lower Upper

98 100

100 64.2 52.1 78.1





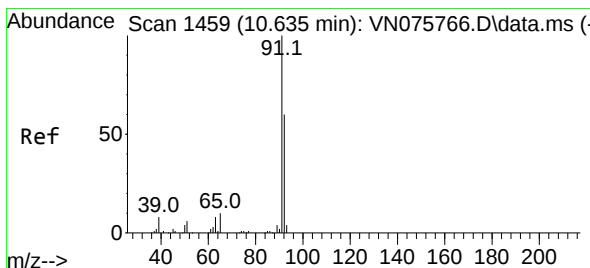
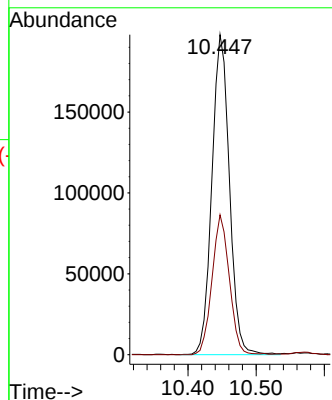
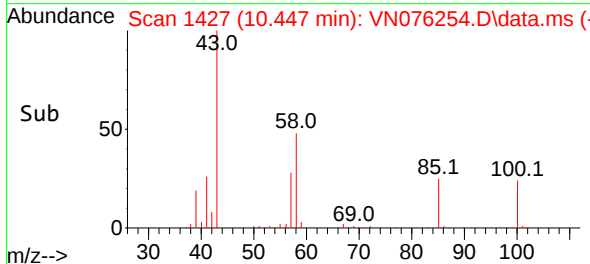
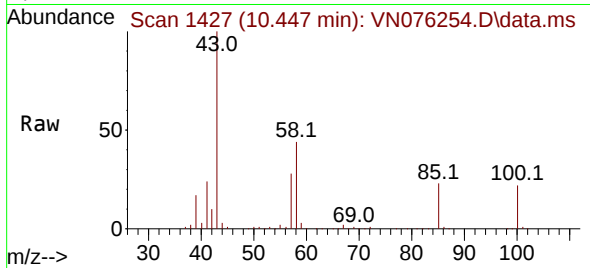
#51
4-Methyl-2-Pentanone
Concen: 146.476 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

Instrument :
MSVOA_N
ClientSampleId :
VN0113MBSD01

Tgt Ion: 43 Resp: 35472
Ion Ratio Lower Upper
43 100
58 43.1 35.5 53.3

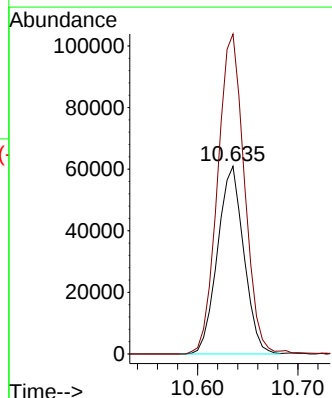
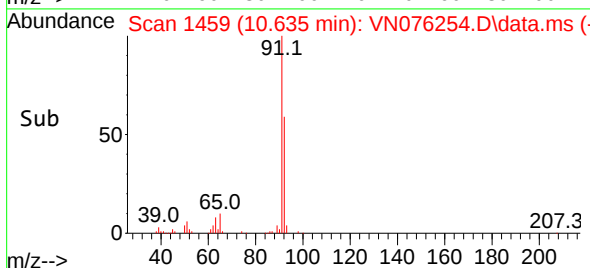
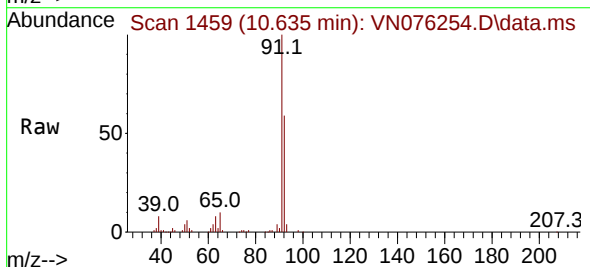
Manual Integrations
APPROVED

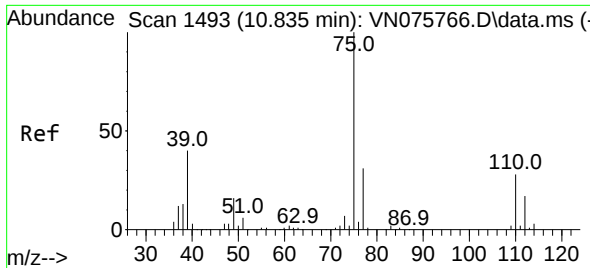
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#52
Toluene
Concen: 18.218 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

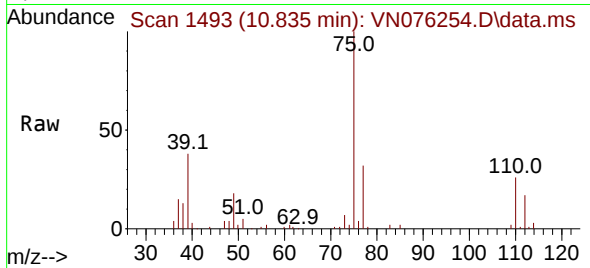
Tgt Ion: 92 Resp: 110638
Ion Ratio Lower Upper
92 100
91 174.5 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 22.658 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

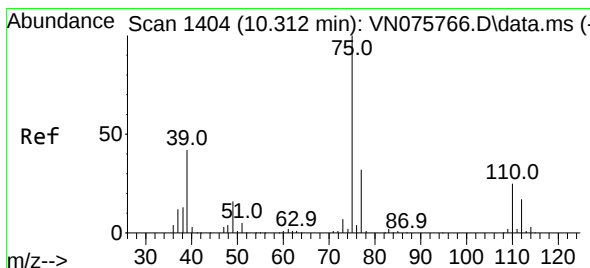
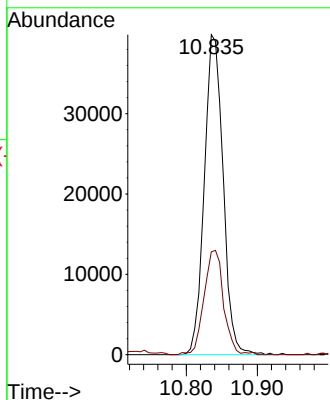
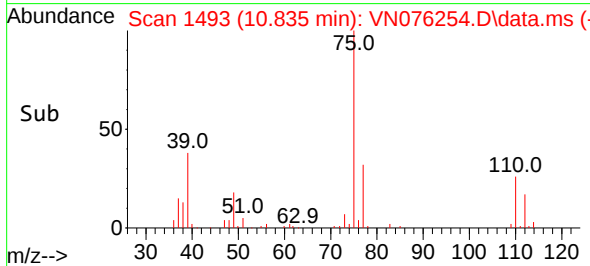
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01



Tgt Ion: 75 Resp: 7320
Ion Ratio Lower Upper
75 100
77 32.1 24.9 37.3

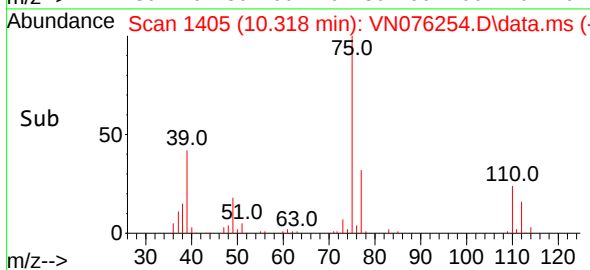
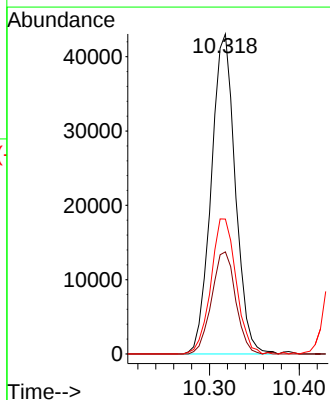
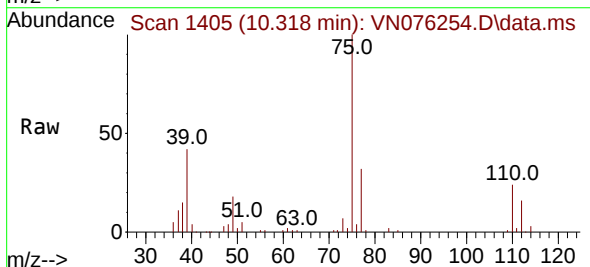
Manual Integrations
APPROVED

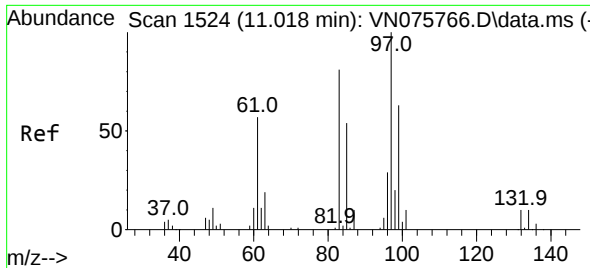
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#54
cis-1,3-Dichloropropene
Concen: 22.587 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

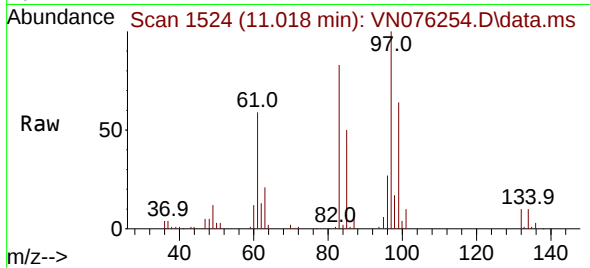
Tgt Ion: 75 Resp: 80119
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.8
39 42.1 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 25.422 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

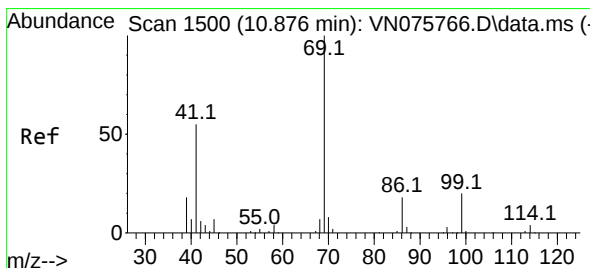
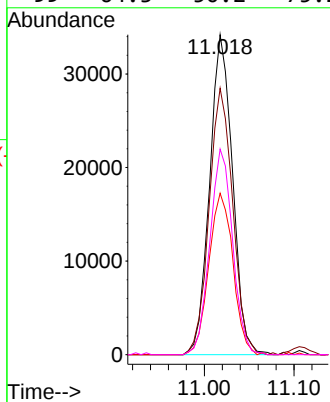
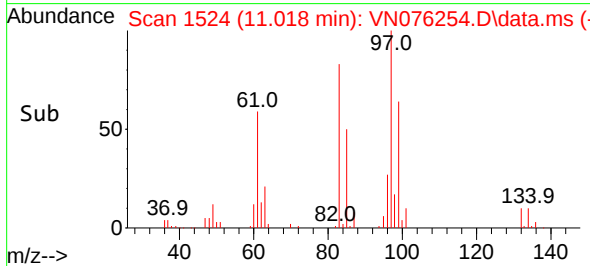
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBSD01



Tgt Ion:	97	Resp:	60590
Ion Ratio	100	Lower	Upper
97	100		
83	83.2	65.0	97.4
85	50.4	43.0	64.6
99	64.3	50.2	75.2

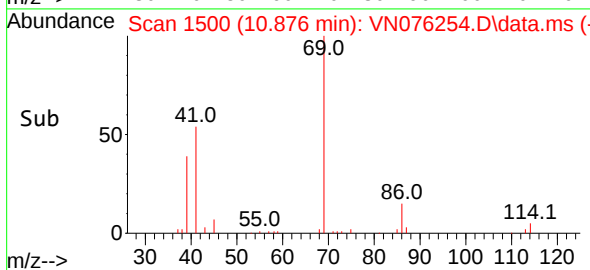
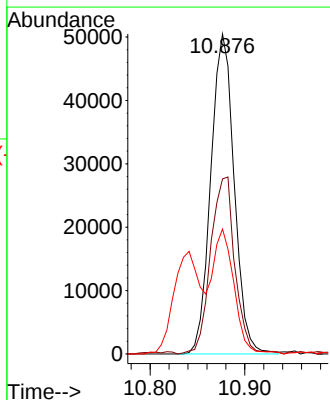
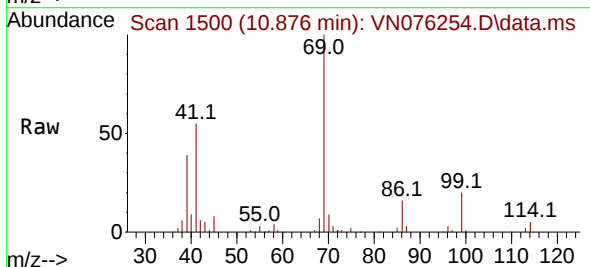
Manual Integrations
APPROVED

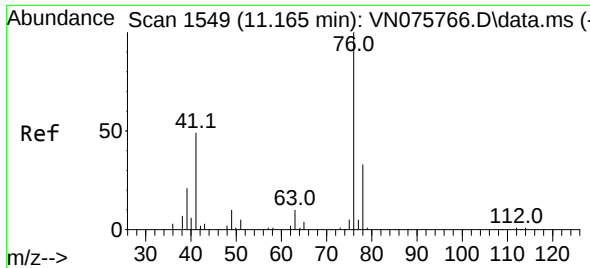
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#56
Ethyl methacrylate
Concen: 27.407 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

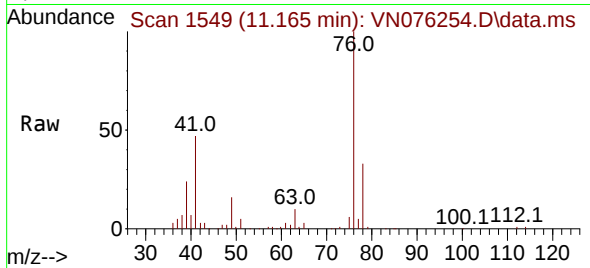
Tgt Ion:	69	Resp:	86773
Ion Ratio	100	Lower	Upper
69	100		
41	57.6	44.2	66.4
39	35.6	26.4	39.6





#57
1,3-Dichloropropane
Concen: 25.303 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

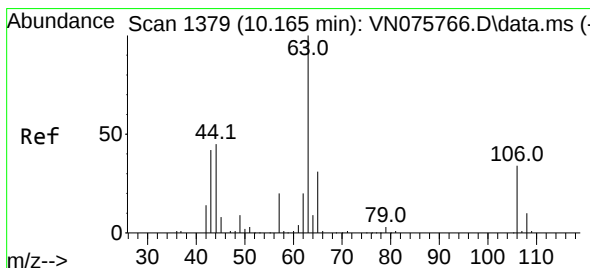
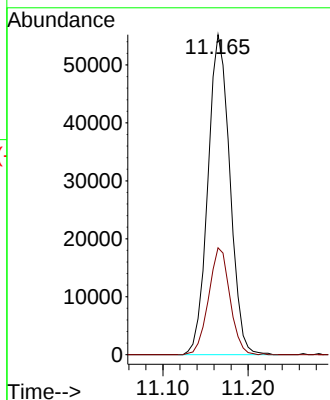
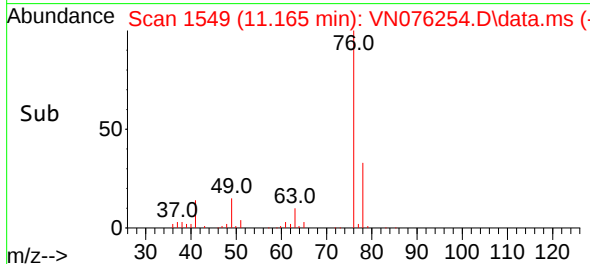
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01



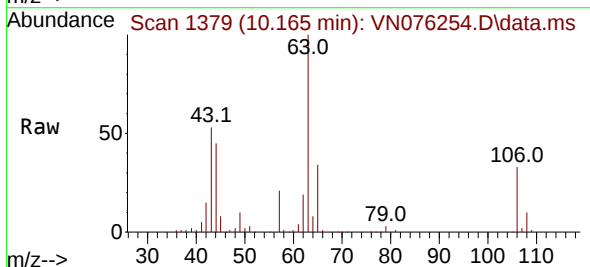
Tgt Ion: 76 Resp: 98930
Ion Ratio Lower Upper
76 100
78 32.4 26.2 39.2

Manual Integrations
APPROVED

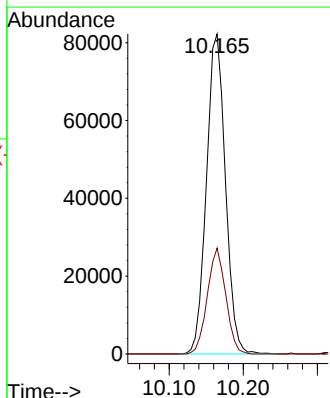
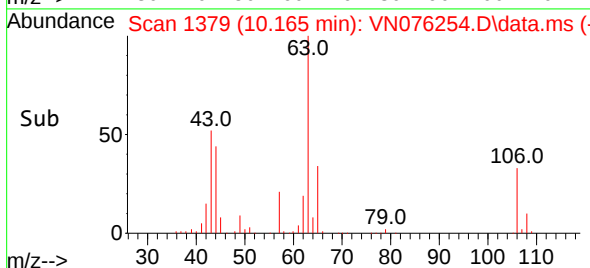
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

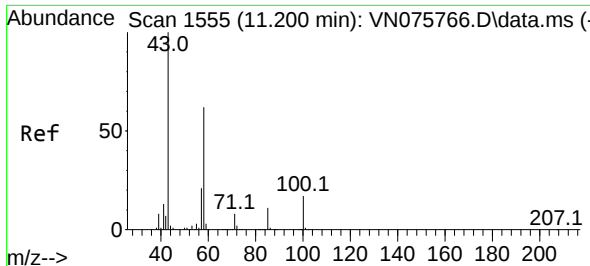


#58
2-Chloroethyl Vinyl ether
Concen: 144.963 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27



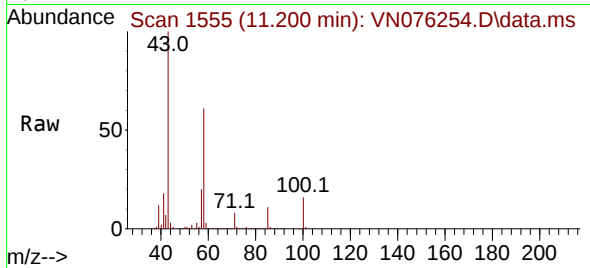
Tgt Ion: 63 Resp: 146127
Ion Ratio Lower Upper
63 100
106 32.1 26.4 39.6





#59
2-Hexanone
Concen: 145.560 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

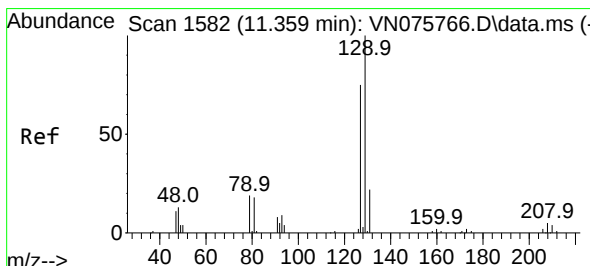
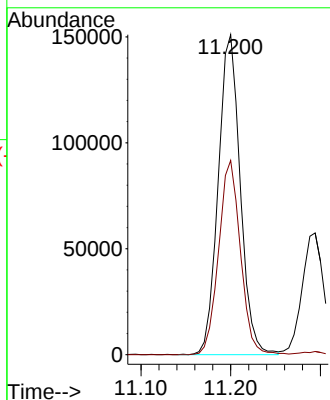
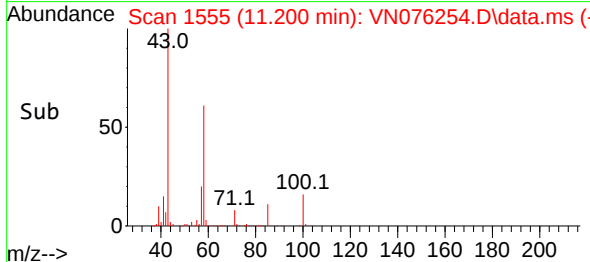
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBSD01



Tgt Ion: 43 Resp: 257073
Ion Ratio Lower Upper
43 100
58 60.1 30.6 92.0

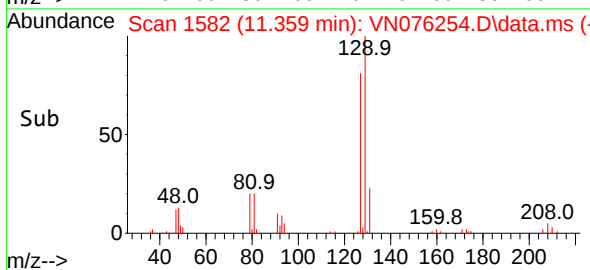
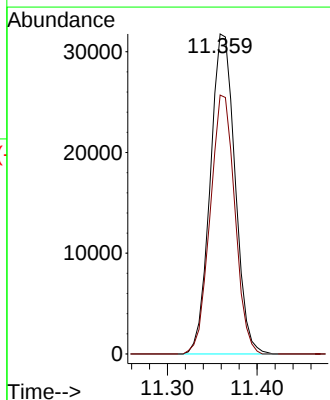
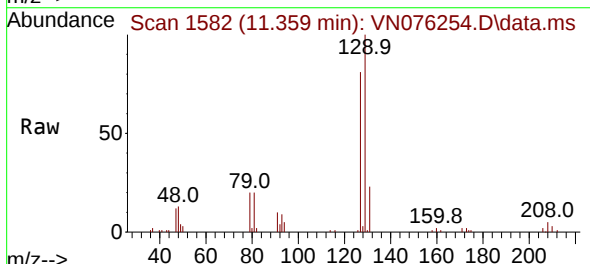
Manual Integrations
APPROVED

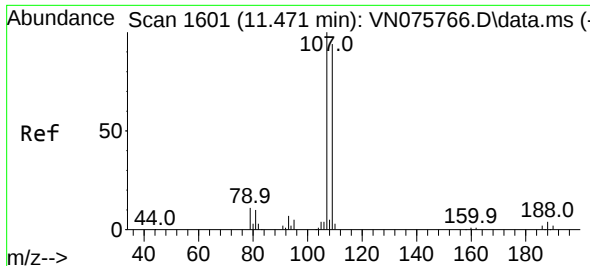
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#60
Dibromochloromethane
Concen: 23.013 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

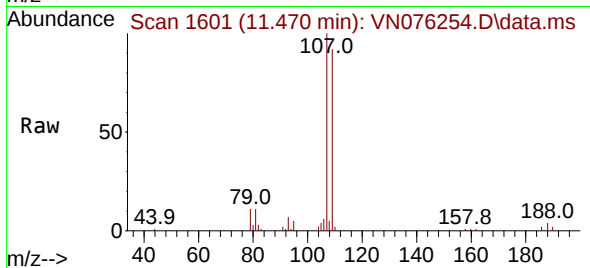
Tgt Ion:129 Resp: 61004
Ion Ratio Lower Upper
129 100
127 80.2 38.3 114.9





#61
1,2-Dibromoethane
Concen: 25.286 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

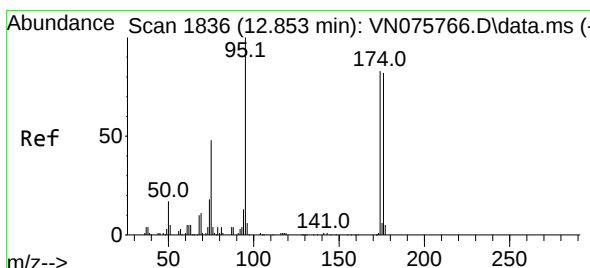
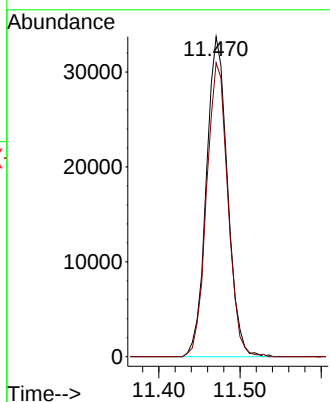
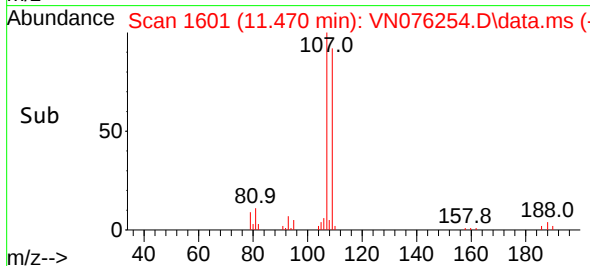
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBSD01



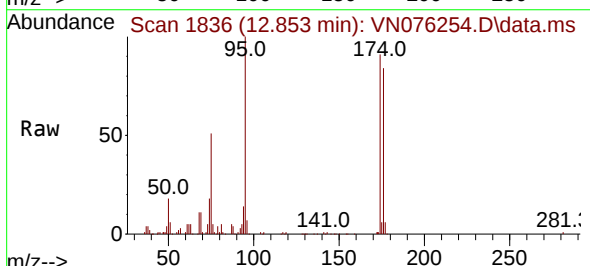
Tgt Ion:107 Resp: 60994
Ion Ratio Lower Upper
107 100
109 92.4 74.8 112.2

Manual Integrations
APPROVED

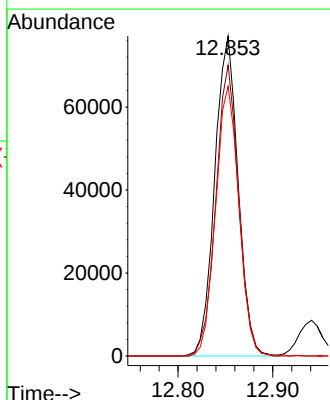
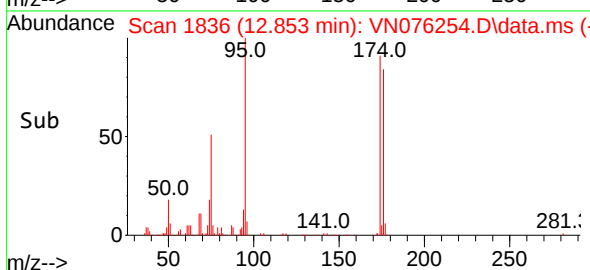
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

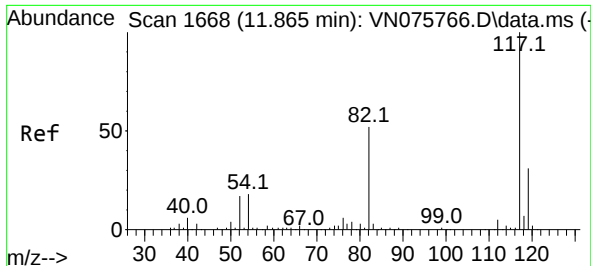


#62
4-Bromofluorobenzene
Concen: 46.962 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27



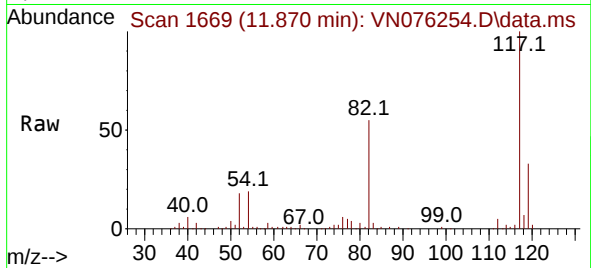
Tgt Ion: 95 Resp: 132310
Ion Ratio Lower Upper
95 100
174 87.9 0.0 171.6
176 84.0 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1668
Delta R.T. 0.006 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

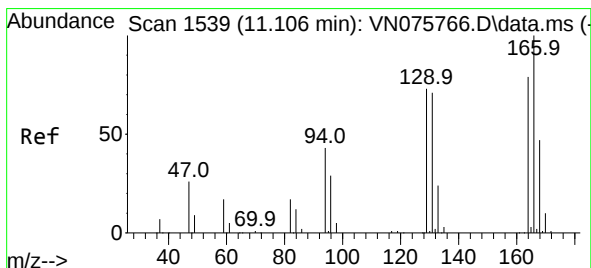
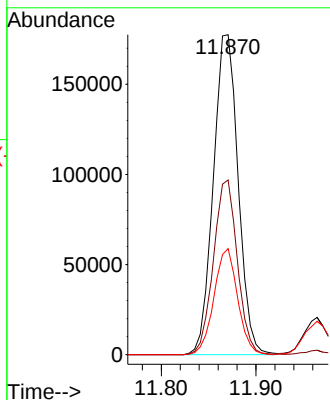
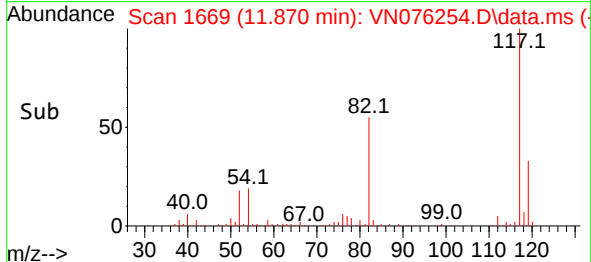
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01



Tgt Ion:117 Resp: 32362
Ion Ratio Lower Upper
117 100
82 54.6 41.3 61.9
119 33.2 24.6 37.0

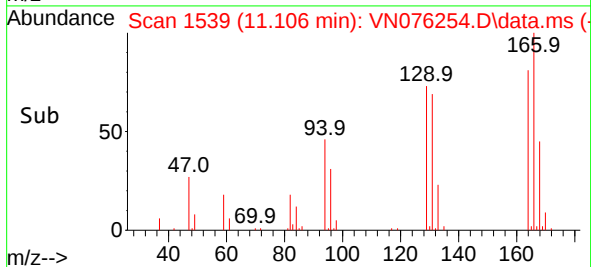
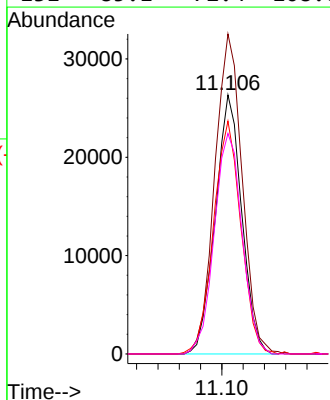
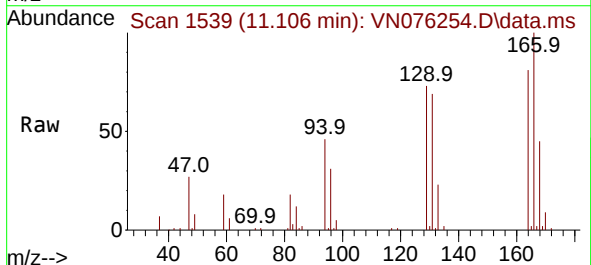
Manual Integrations
APPROVED

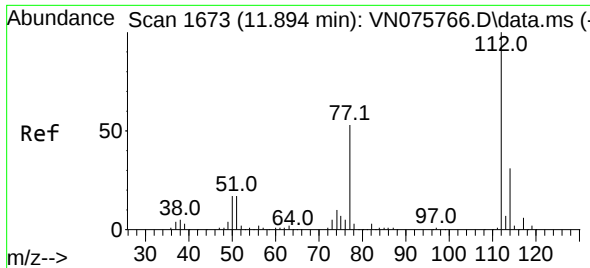
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#64
Tetrachloroethene
Concen: 19.951 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

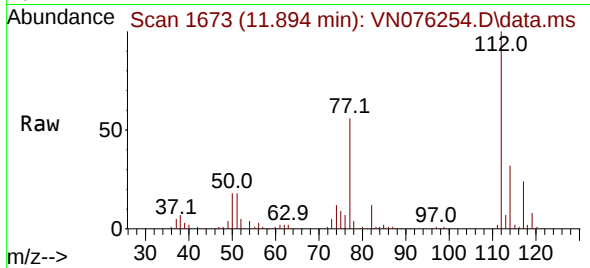
Tgt Ion:164 Resp: 45433
Ion Ratio Lower Upper
164 100
166 123.5 101.9 152.9
129 89.9 74.2 111.2
131 85.1 72.4 108.6





#65
Chlorobenzene
Concen: 18.320 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

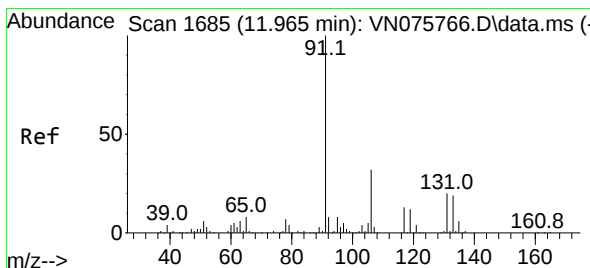
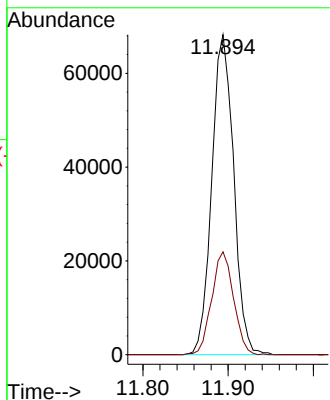
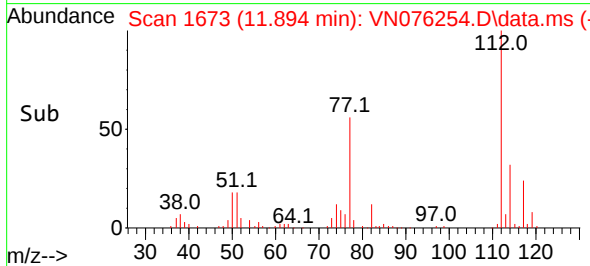
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBSD01



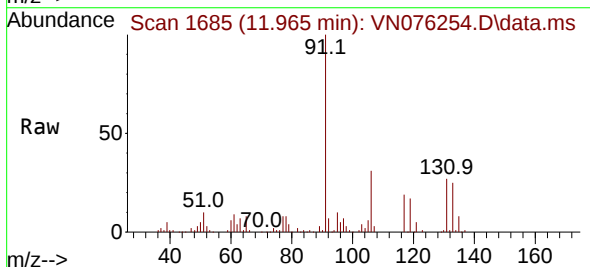
Tgt Ion:112 Resp: 12168
Ion Ratio Lower Upper
112 100
114 32.1 24.7 37.1

Manual Integrations
APPROVED

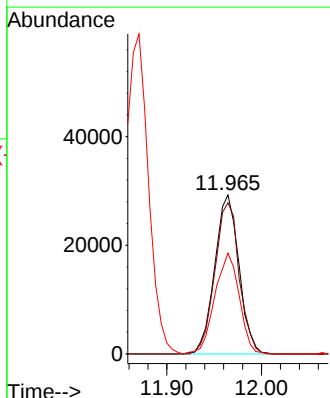
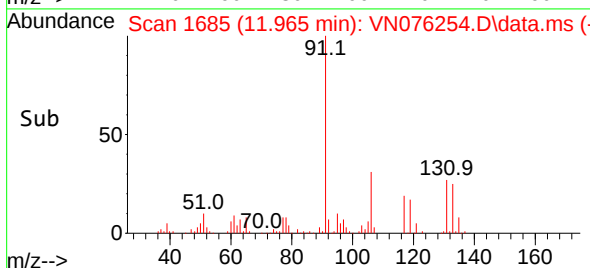
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

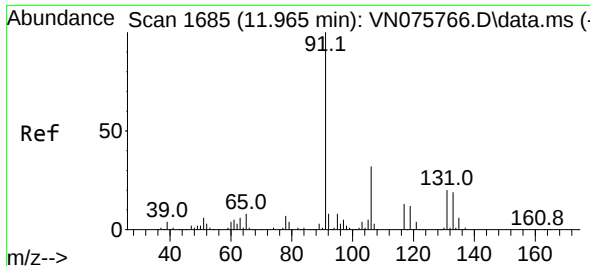


#66
1,1,1,2-Tetrachloroethane
Concen: 21.218 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27



Tgt Ion:131 Resp: 52203
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.5
119 63.6 31.9 95.7





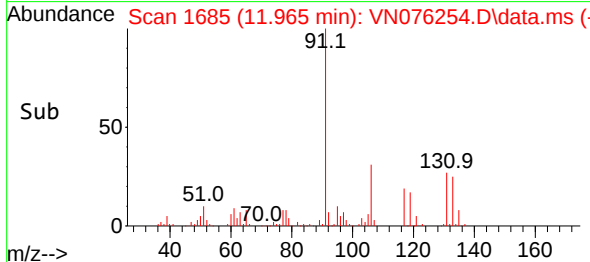
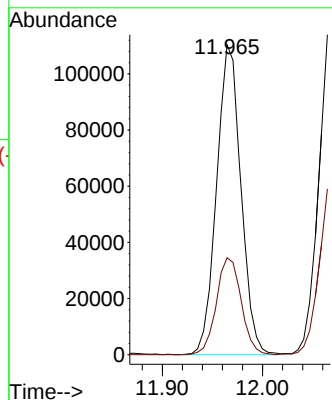
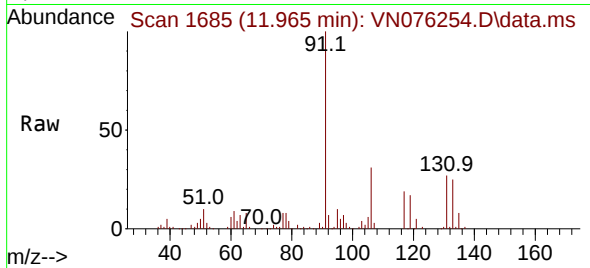
#67
Ethyl Benzene
Concen: 16.588 ug/l
RT: 11.965 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01

Tgt Ion: 91 Resp: 185954
Ion Ratio Lower Upper
91 100
106 31.3 25.7 38.5

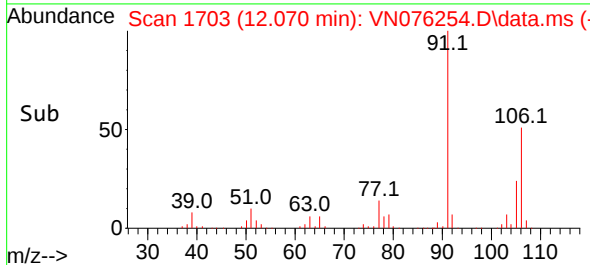
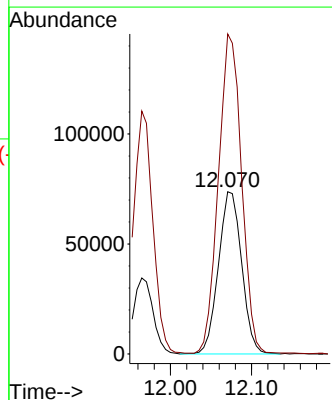
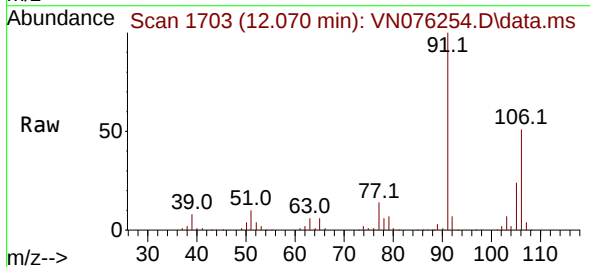
Manual Integrations
APPROVED

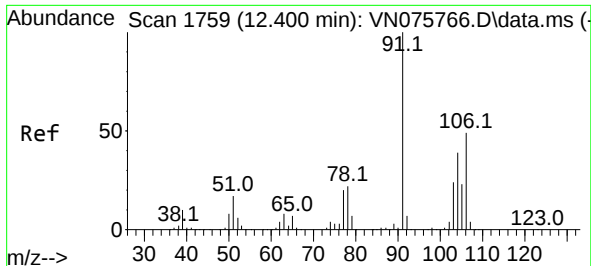
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#68
m/p-Xylenes
Concen: 33.071 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

Tgt Ion:106 Resp: 146741
Ion Ratio Lower Upper
106 100
91 196.8 156.6 235.0





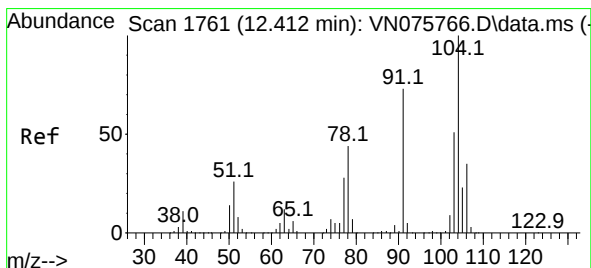
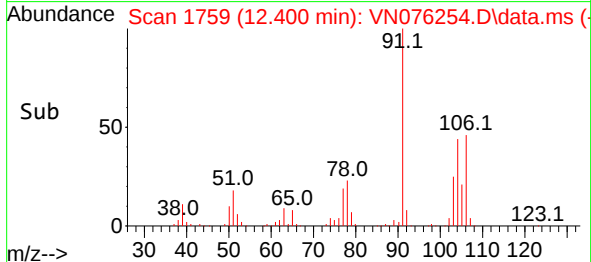
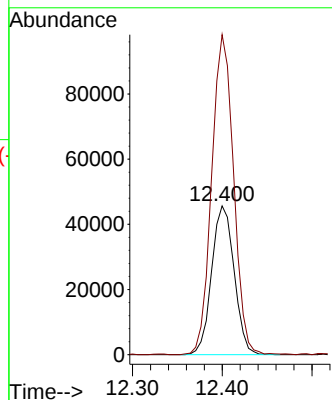
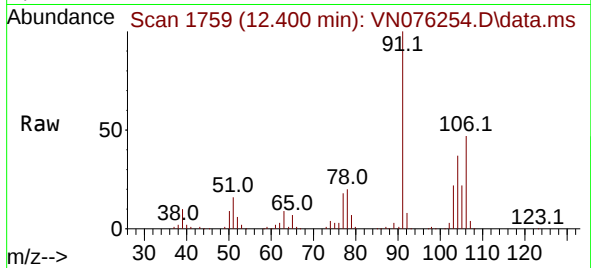
#69
o-Xylene
Concen: 18.102 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01

Tgt Ion:106 Resp: 7948
Ion Ratio Lower Upper
106 100
91 209.9 103.8 311.6

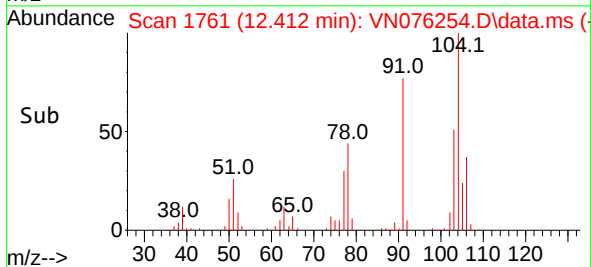
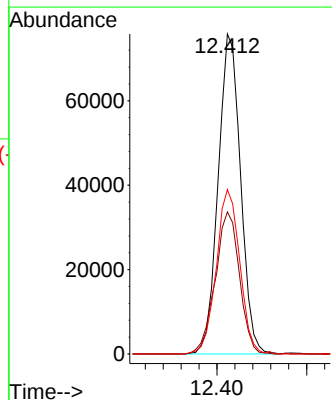
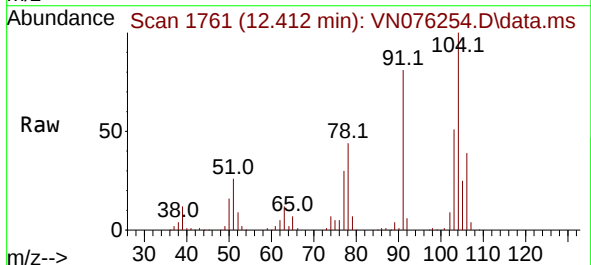
Manual Integrations
APPROVED

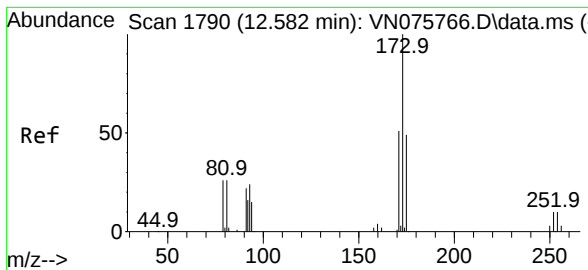
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#70
Styrene
Concen: 18.815 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

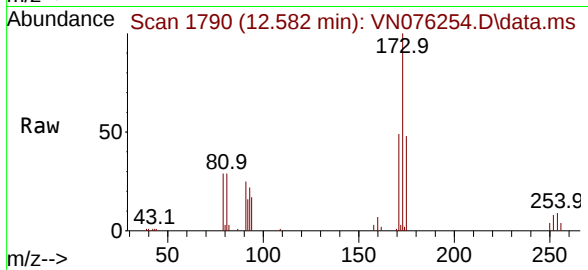
Tgt Ion:104 Resp: 131361
Ion Ratio Lower Upper
104 100
78 47.9 37.5 56.3
103 53.8 43.5 65.3





#71
Bromoform
Concen: 24.557 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

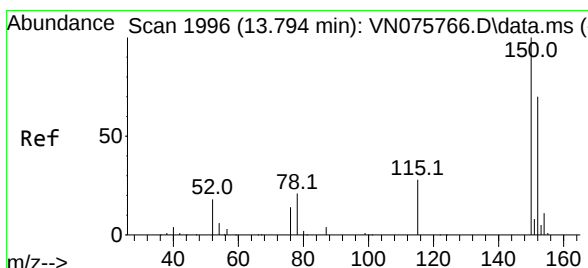
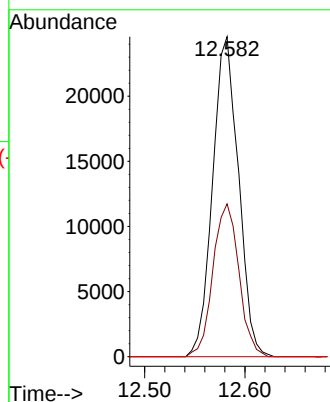
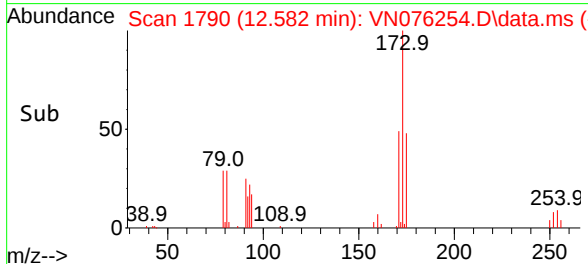
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01



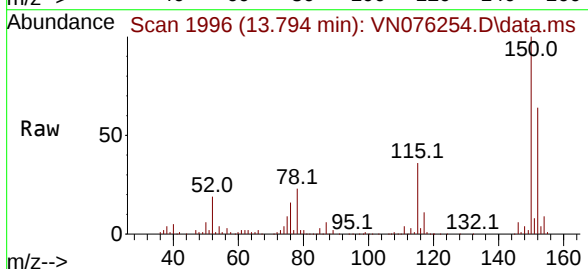
Tgt Ion:173 Resp: 43962
Ion Ratio Lower Upper
173 100
175 48.0 24.3 72.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

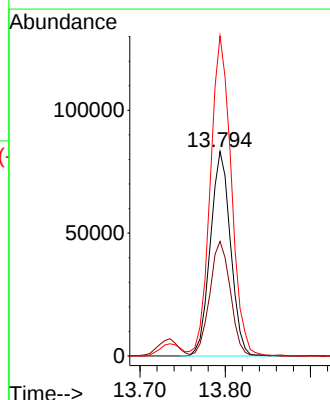
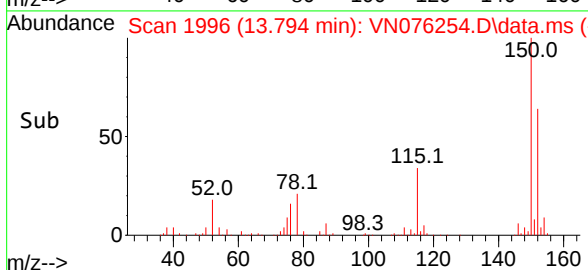
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

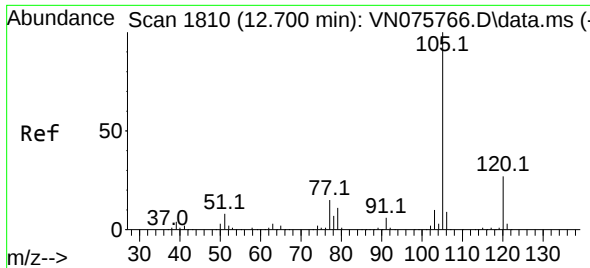


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27



Tgt Ion:152 Resp: 136952
Ion Ratio Lower Upper
152 100
115 57.2 29.1 87.4
150 162.7 0.0 347.0





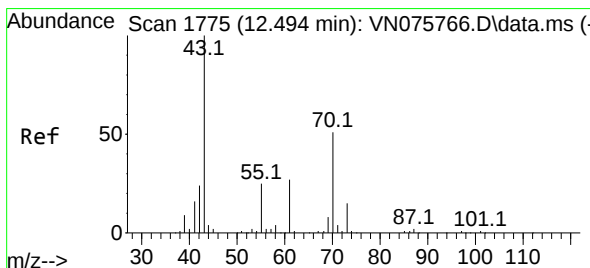
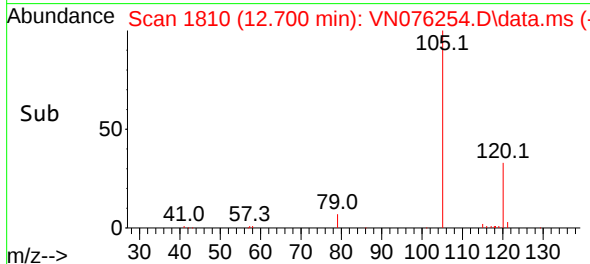
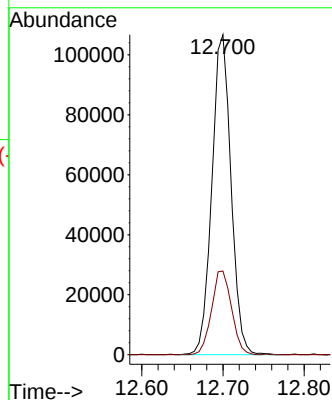
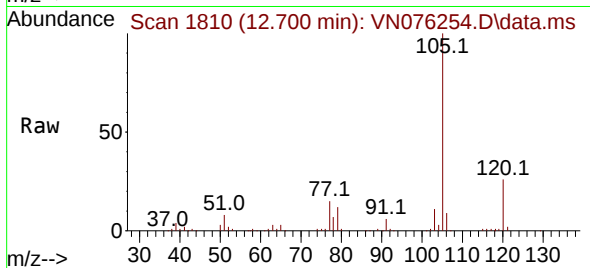
#73
Isopropylbenzene
Concen: 17.637 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

Instrument :
MSVOA_N
ClientSampleId :
VN0113MBSD01

Tgt Ion:105 Resp: 174544
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.2

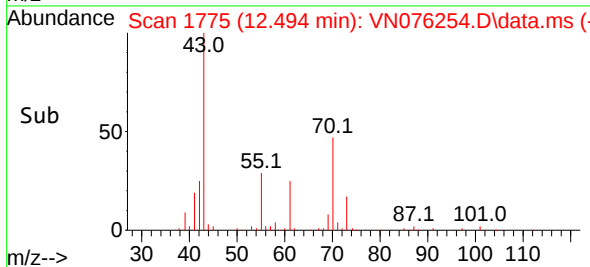
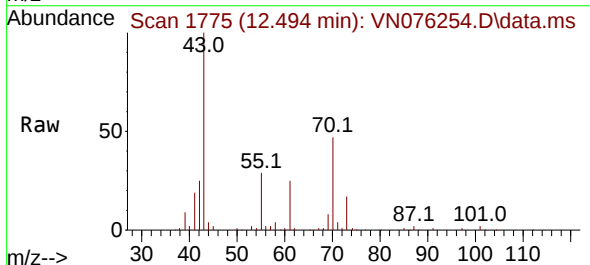
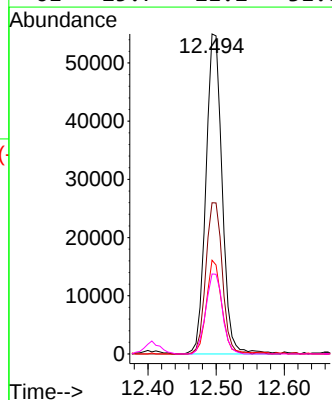
Manual Integrations
APPROVED

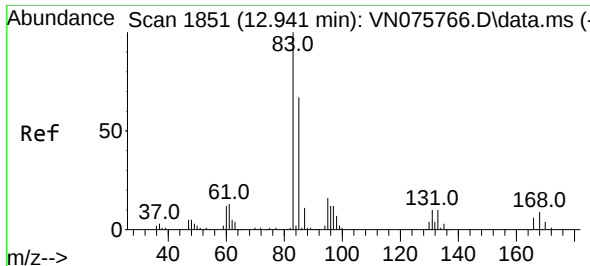
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#74
N-ethyl acetate
Concen: 31.452 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

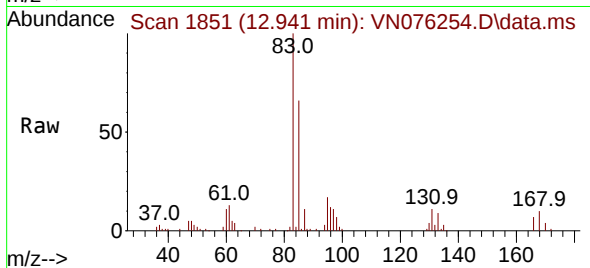
Tgt Ion: 43 Resp: 91318
Ion Ratio Lower Upper
43 100
70 47.8 41.4 62.0
55 27.6 21.3 31.9
61 25.7 21.2 31.8





#75
1,1,2,2-Tetrachloroethane
Concen: 27.716 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

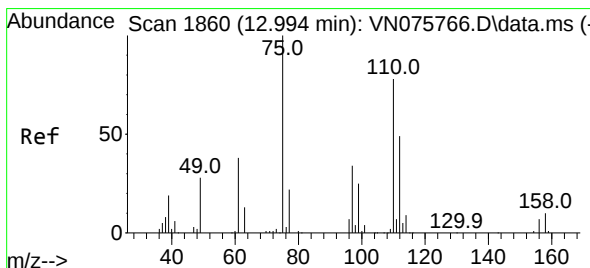
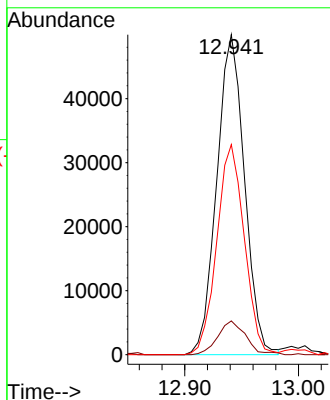
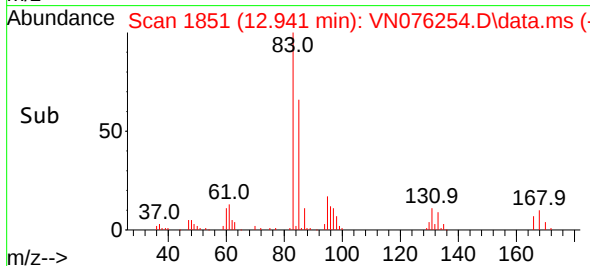
Instrument :
MSVOA_N
Client Sample Id :
VN0113MBSD01



Tgt Ion: 83 Resp: 84790
Ion Ratio Lower Upper
83 100
131 10.6 5.6 16.8
85 65.1 32.6 98.0

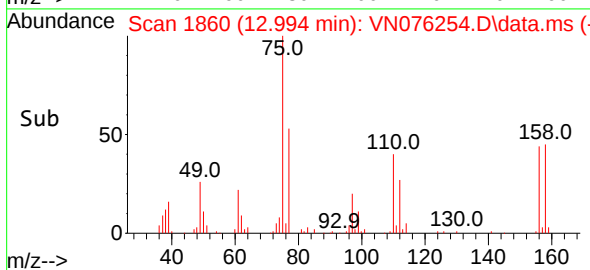
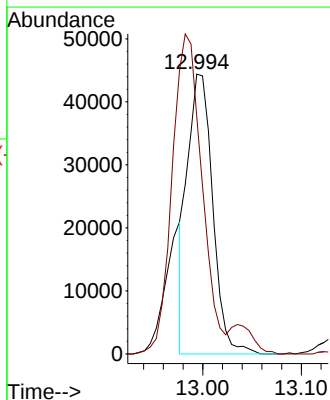
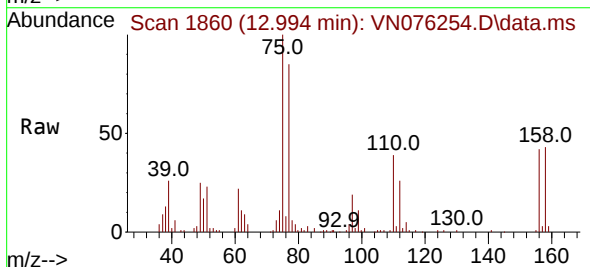
Manual Integrations
APPROVED

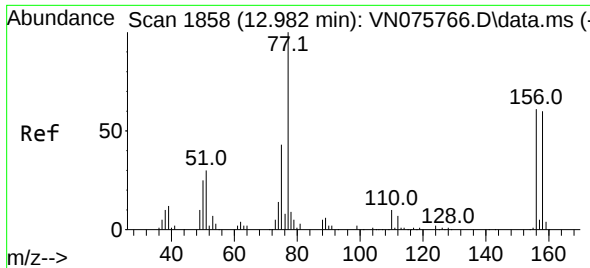
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#76
1,2,3-Trichloropropane
Concen: 28.667 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

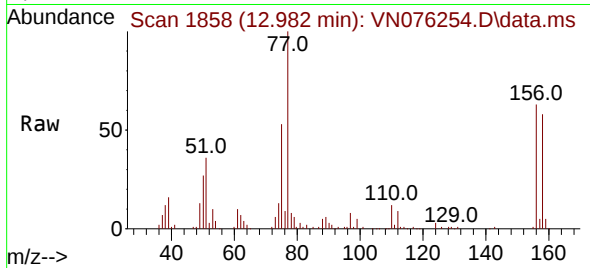
Tgt Ion: 75 Resp: 79138
Ion Ratio Lower Upper
75 100
77 134.7 82.6 247.8





#77
Bromobenzene
Concen: 21.860 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

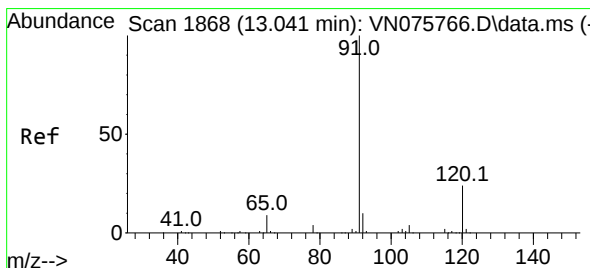
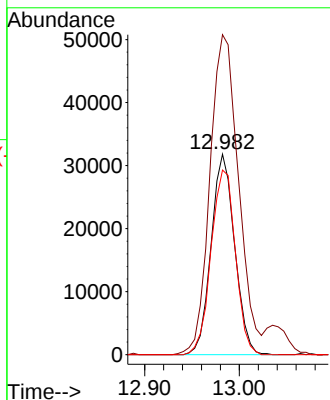
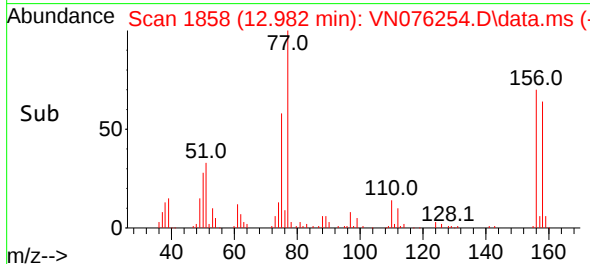
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBSD01



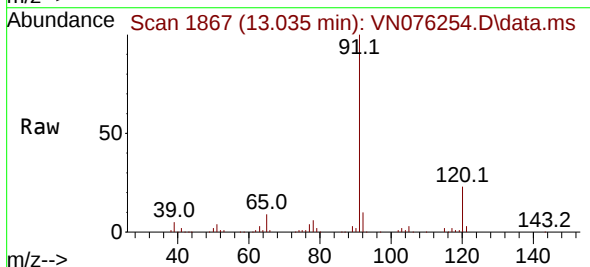
Tgt Ion:156 Resp: 54752
Ion Ratio Lower Upper
156 100
77 194.7 93.8 281.3
158 95.4 48.9 146.6

Manual Integrations
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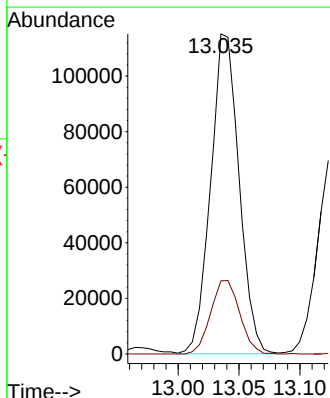
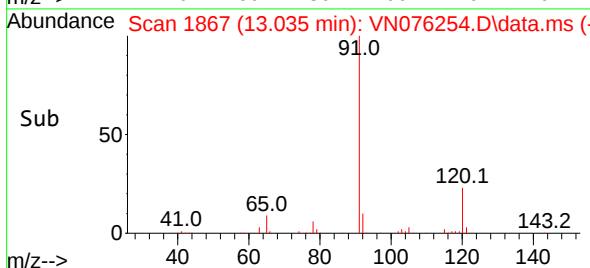
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

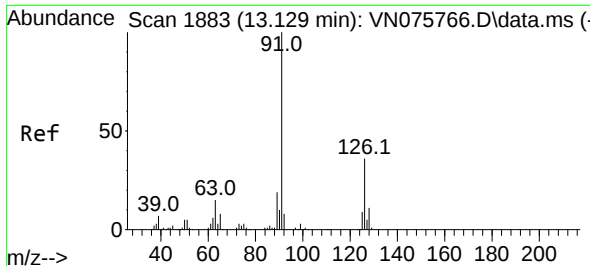


#78
n-propylbenzene
Concen: 17.136 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27



Tgt Ion: 91 Resp: 187045
Ion Ratio Lower Upper
91 100
120 23.4 12.0 36.1





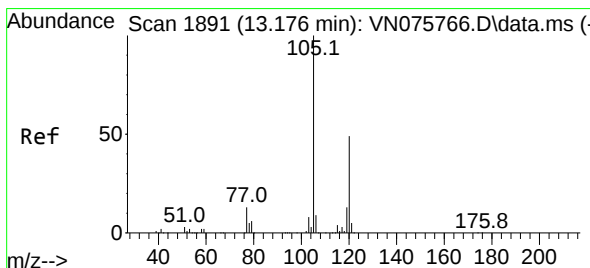
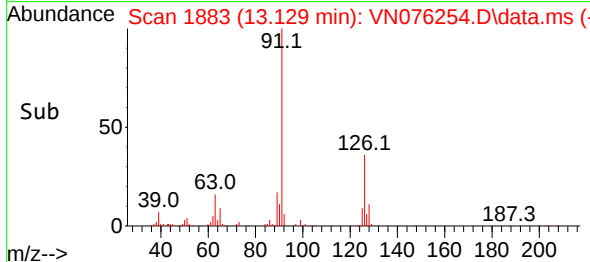
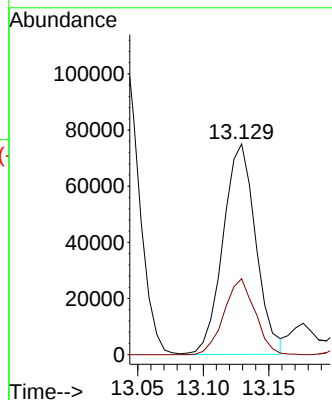
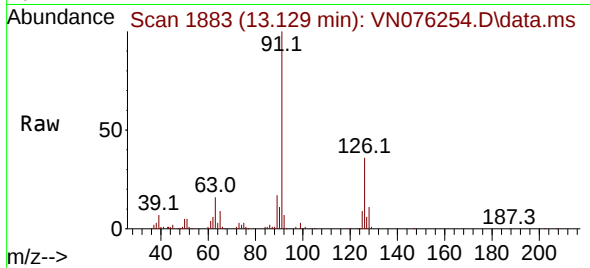
#79
2-Chlorotoluene
Concen: 19.150 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01

Tgt Ion: 91 Resp: 130483
Ion Ratio Lower Upper
91 100
126 34.0 17.5 52.5

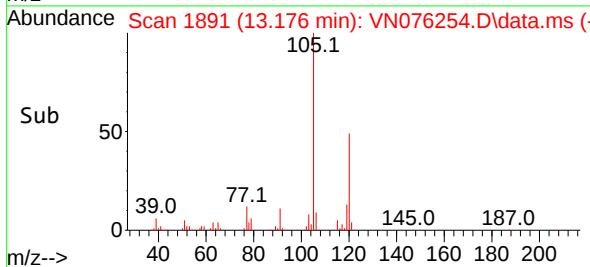
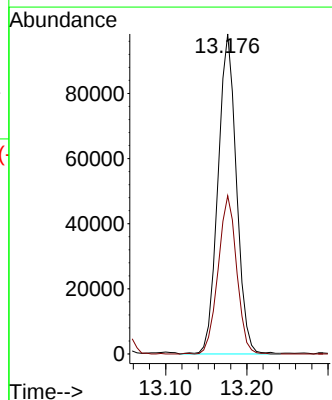
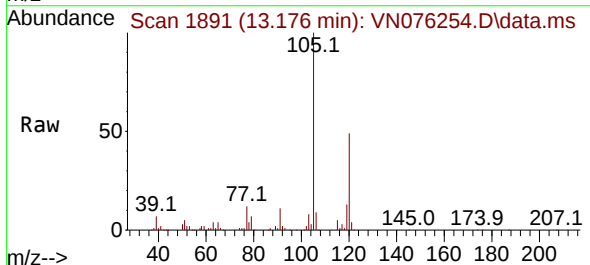
Manual Integrations
APPROVED

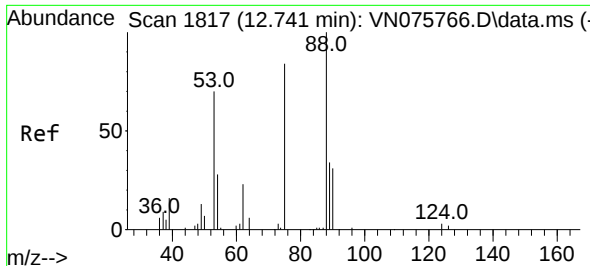
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.757 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

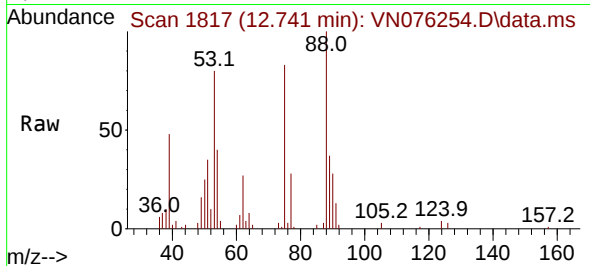
Tgt Ion:105 Resp: 155369
Ion Ratio Lower Upper
105 100
120 49.6 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 27.341 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

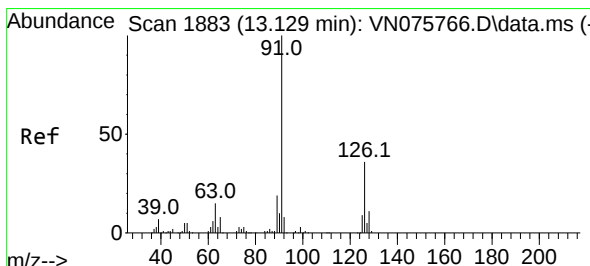
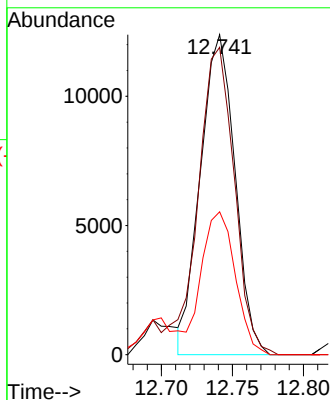
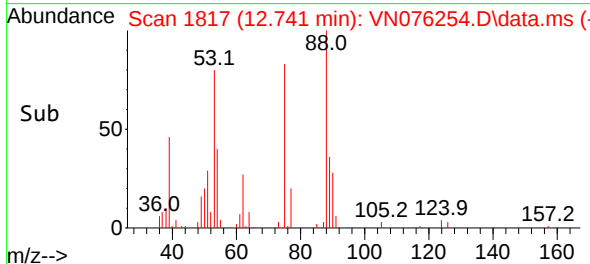
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBSD01



Tgt Ion: 75 Resp: 20969
Ion Ratio Lower Upper
75 100
53 101.3 73.8 110.6
89 43.2 39.5 59.3

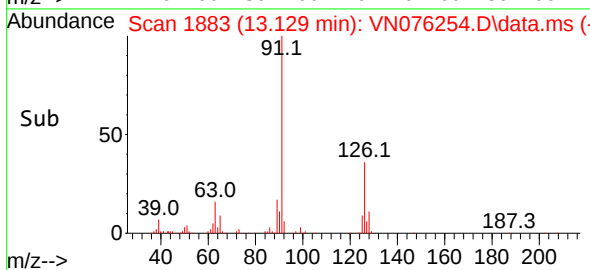
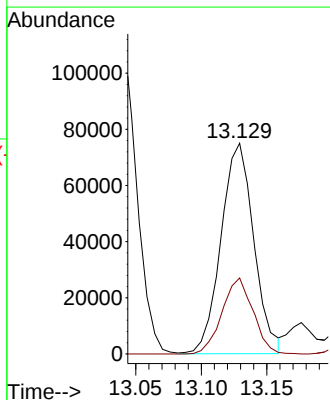
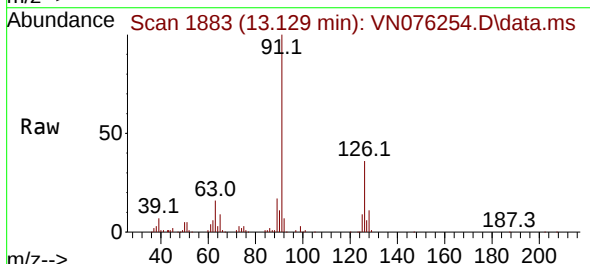
Manual Integrations
APPROVED

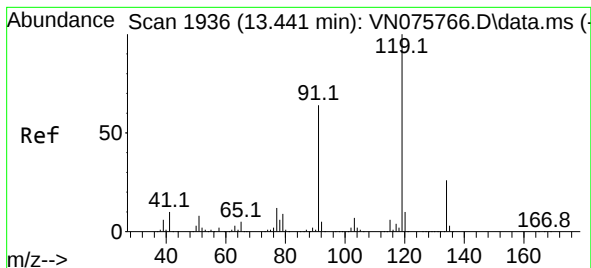
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#82
4-Chlorotoluene
Concen: 19.150 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

Tgt Ion: 91 Resp: 130483
Ion Ratio Lower Upper
91 100
126 34.0 17.5 52.5





#83

tert-Butylbenzene

Concen: 18.011 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. -0.000 min

Lab File: VN076254.D

Acq: 13 Jan 2023 17:27

Instrument :

MSVOA_N

ClientSampleId :

VN0113MBS01

Tgt Ion:119 Resp: 13153

Ion Ratio Lower Upper

119 100

91 63.5 31.9 95.5

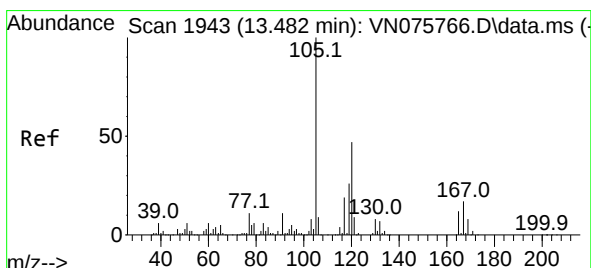
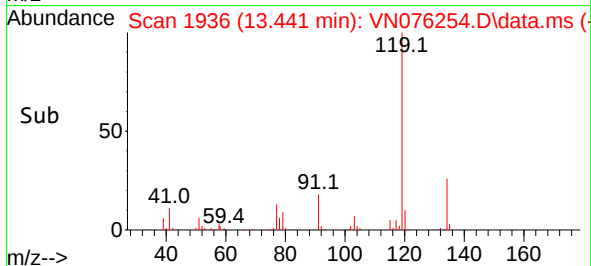
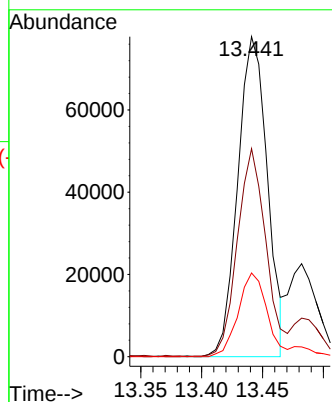
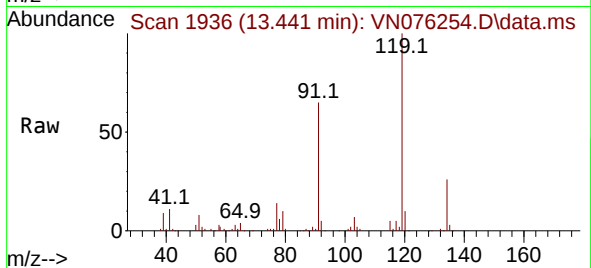
134 25.4 13.8 41.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#84

1,2,4-Trimethylbenzene

Concen: 19.122 ug/l

RT: 13.488 min Scan# 1944

Delta R.T. 0.006 min

Lab File: VN076254.D

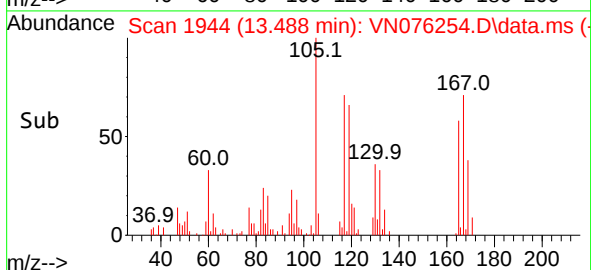
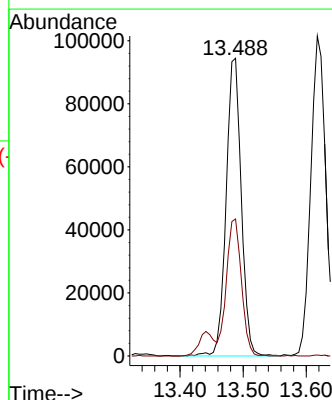
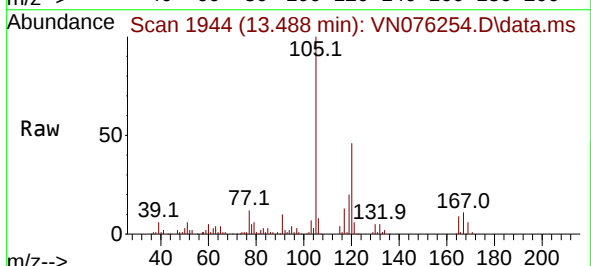
Acq: 13 Jan 2023 17:27

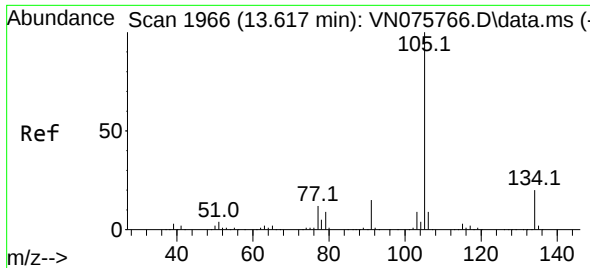
Tgt Ion:105 Resp: 157127

Ion Ratio Lower Upper

105 100

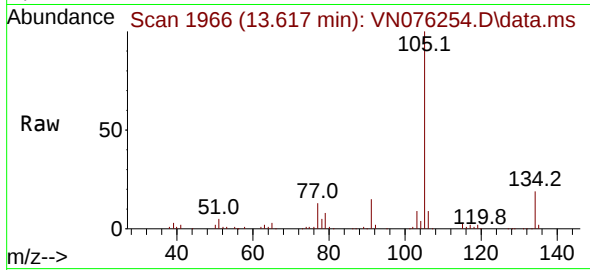
120 45.6 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 16.649 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN076254.D
 Acq: 13 Jan 2023 17:27

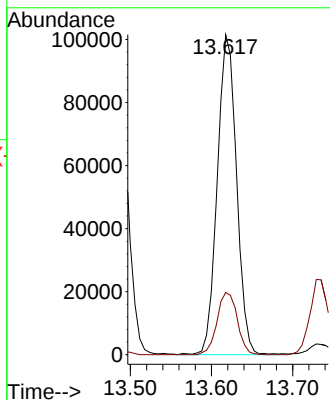
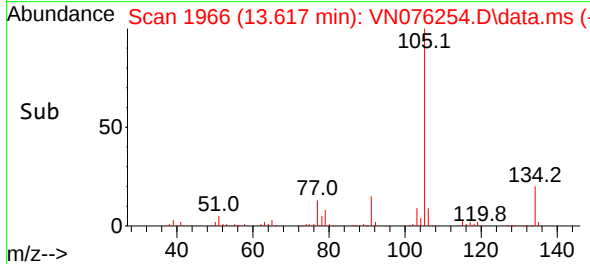
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0113MBSD01



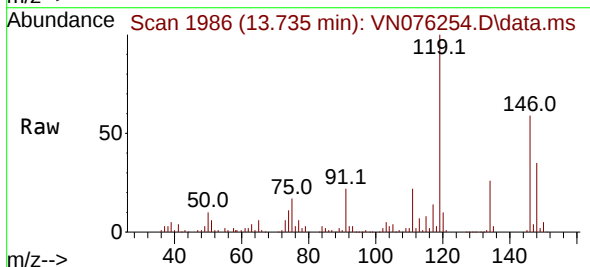
Tgt Ion:105 Resp: 16781
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1

Manual Integrations
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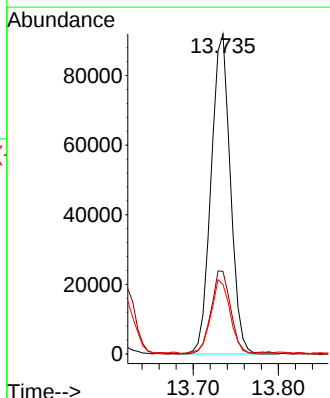
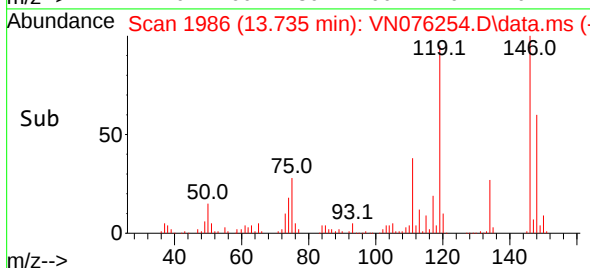
Reviewed By :John Carlone 01/16/2023
 Supervised By :Mahesh Dadoda 01/16/2023

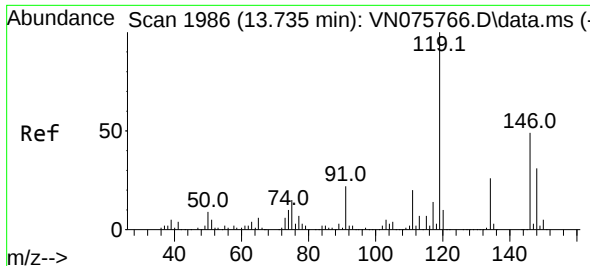


#86
 p-Isopropyltoluene
 Concen: 17.267 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN076254.D
 Acq: 13 Jan 2023 17:27



Tgt Ion:119 Resp: 144826
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 39.0
 91 23.3 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 18.792 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN076254.D

Acq: 13 Jan 2023 17:27

Instrument :

MSVOA_N

ClientSampleId :

VN0113MBS01

Tgt Ion:146 Resp: 8694

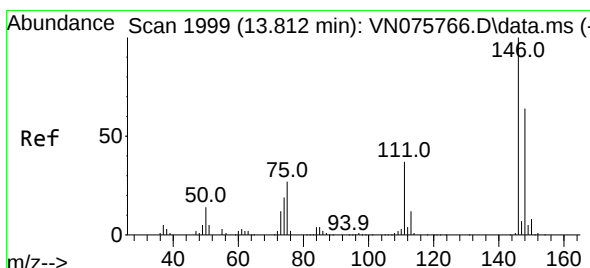
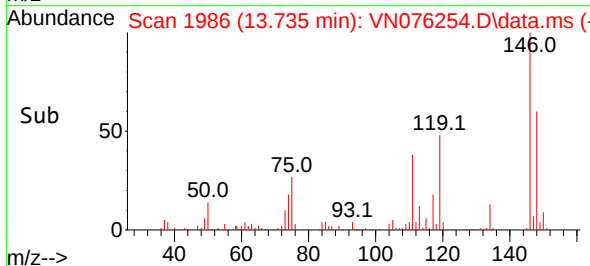
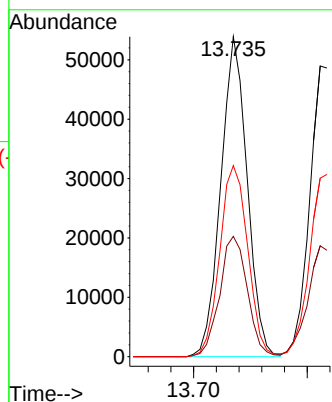
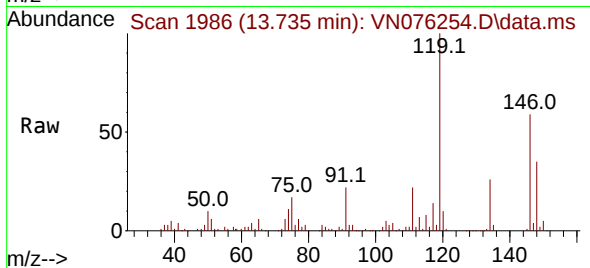
Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.7	59.0
148	63.5	31.4	94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#88

1,4-Dichlorobenzene

Concen: 17.905 ug/l

RT: 13.812 min Scan# 1999

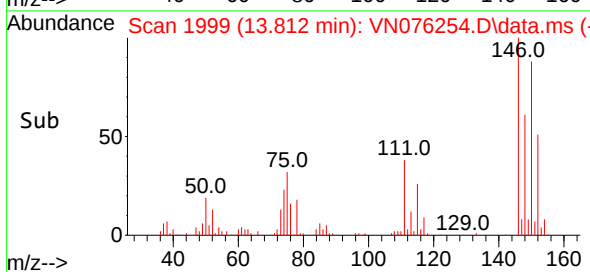
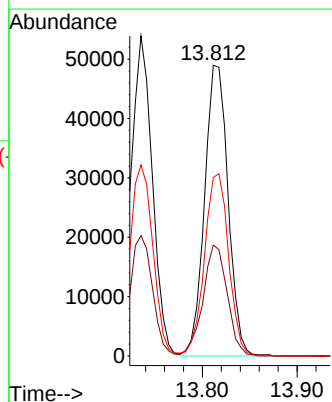
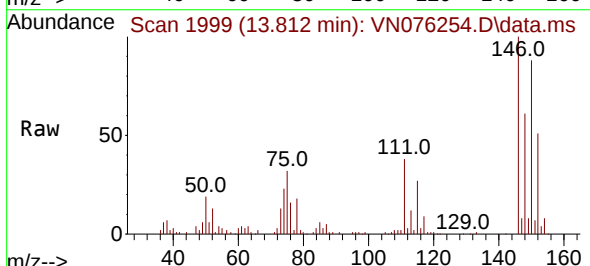
Delta R.T. -0.000 min

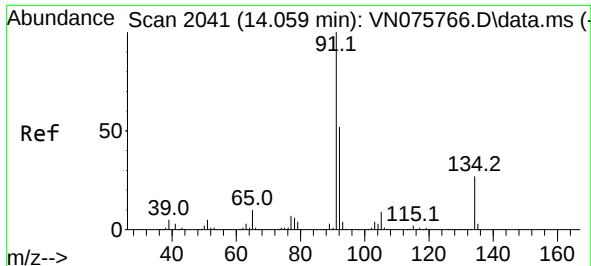
Lab File: VN076254.D

Acq: 13 Jan 2023 17:27

Tgt Ion:146 Resp: 84627

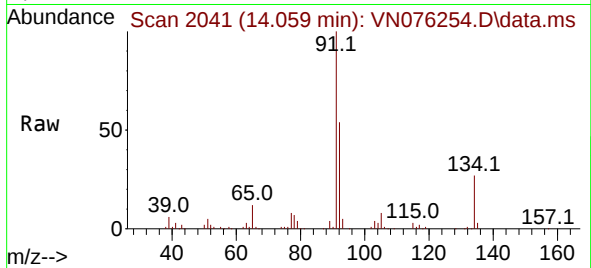
Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.1	57.1
148	64.4	32.0	96.2





#89
n-Butylbenzene
Concen: 15.294 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

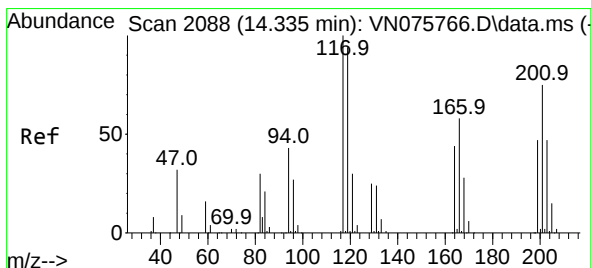
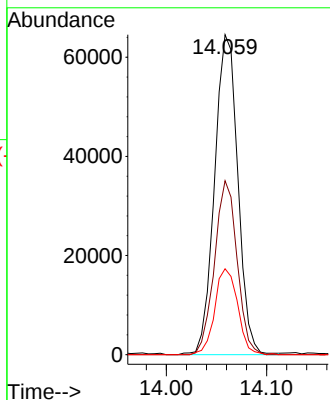
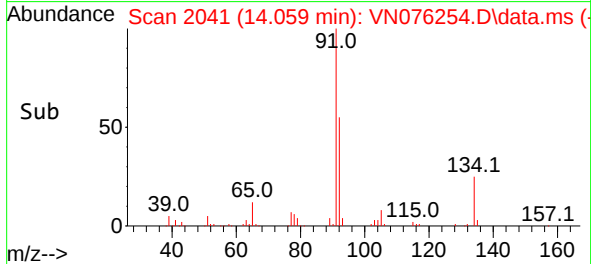
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBSD01



Tgt Ion: 91 Resp: 103918
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.2
134 26.4 13.4 40.2

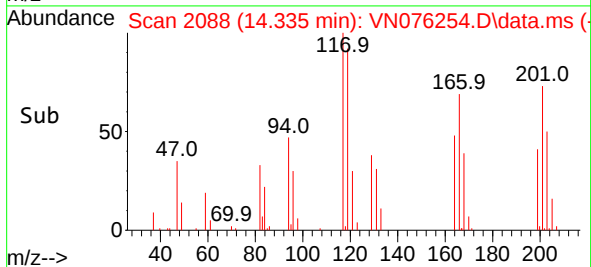
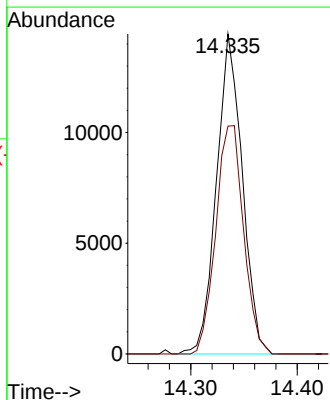
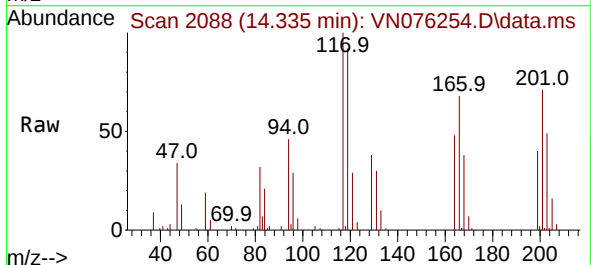
Manual Integrations
APPROVED

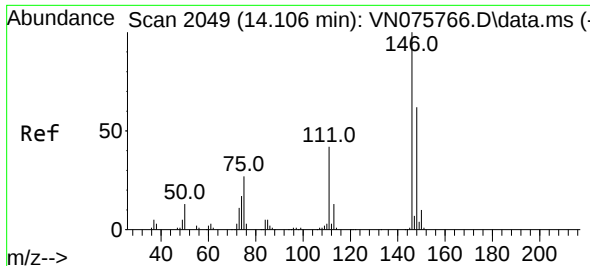
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#90
Hexachloroethane
Concen: 16.156 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

Tgt Ion:117 Resp: 24239
Ion Ratio Lower Upper
117 100
201 77.2 38.0 114.1





#91

1,2-Dichlorobenzene

Concen: 21.169 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN076254.D

Acq: 13 Jan 2023 17:27

Instrument :

MSVOA_N

ClientSampleId :

VN0113MBSD01

Tgt Ion:146 Resp: 9646

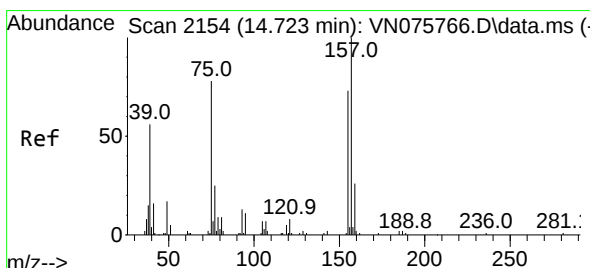
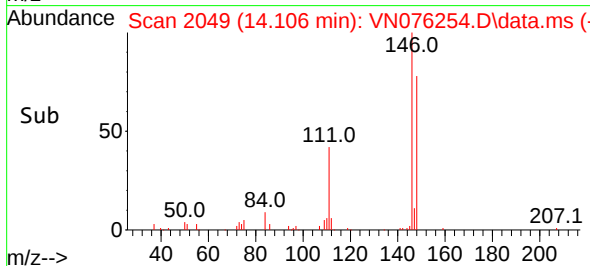
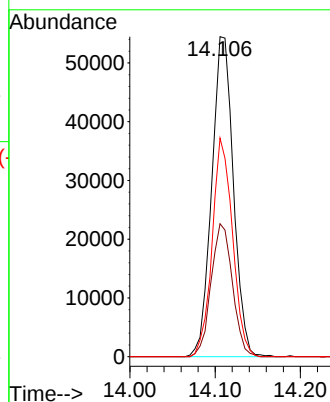
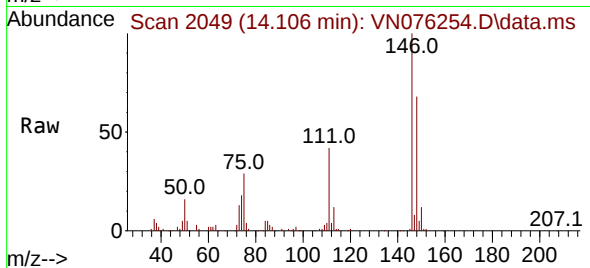
Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.3	61.0
148	64.2	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 27.214 ug/l

RT: 14.723 min Scan# 2154

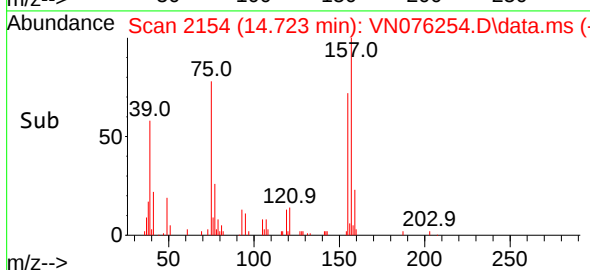
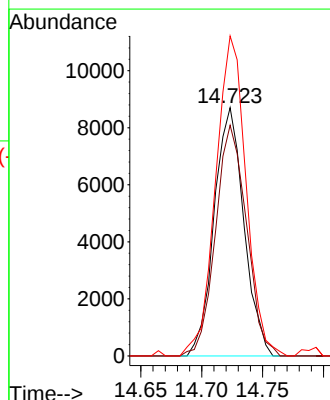
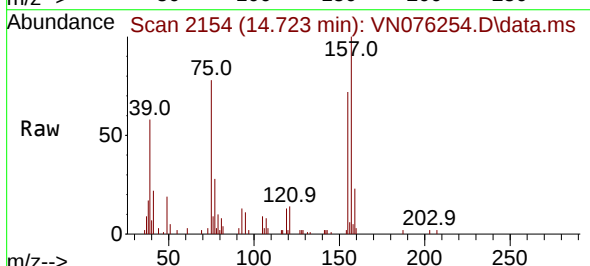
Delta R.T. -0.000 min

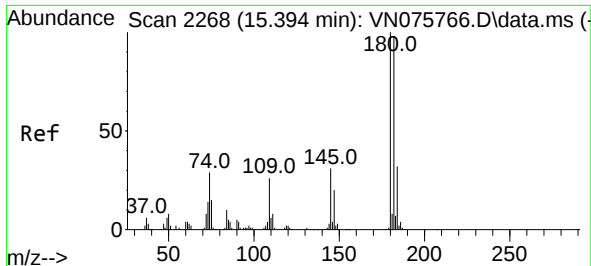
Lab File: VN076254.D

Acq: 13 Jan 2023 17:27

Tgt Ion: 75 Resp: 14774

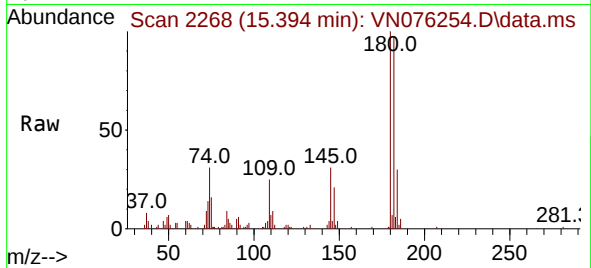
Ion	Ratio	Lower	Upper
75	100		
155	96.6	49.3	147.8
157	131.7	63.7	191.3





#93
1,2,4-Trichlorobenzene
Concen: 18.771 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27

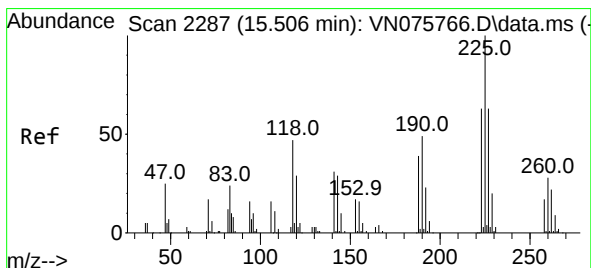
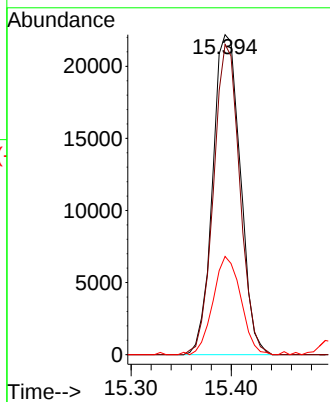
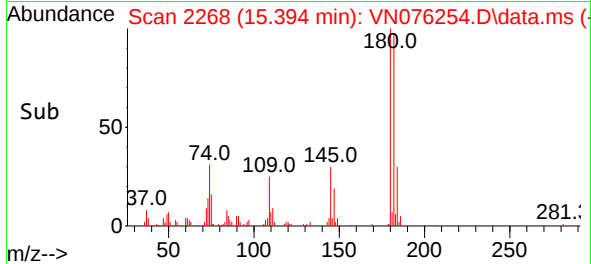
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01



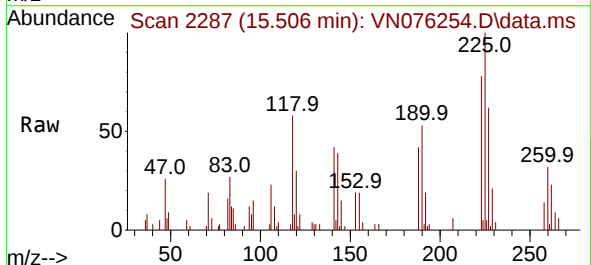
Tgt Ion:180 Resp: 42350
Ion Ratio Lower Upper
180 100
182 92.4 47.5 142.5
145 31.0 15.3 45.8

Manual Integrations
APPROVED

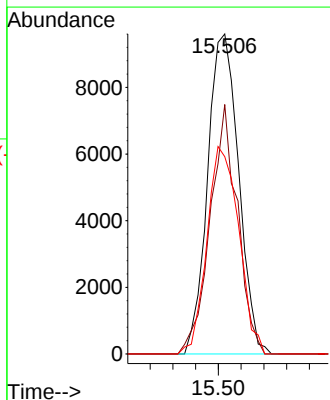
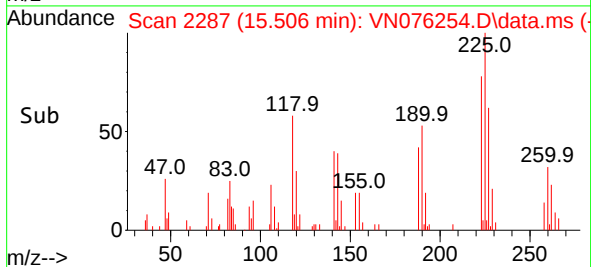
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

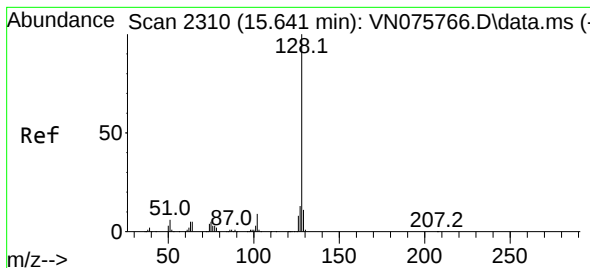


#94
Hexachlorobutadiene
Concen: 14.808 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VN076254.D
Acq: 13 Jan 2023 17:27



Tgt Ion:225 Resp: 18227
Ion Ratio Lower Upper
225 100
223 68.6 31.5 94.5
227 66.5 31.6 95.0





#95

Naphthalene

Concen: 23.190 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN076254.D

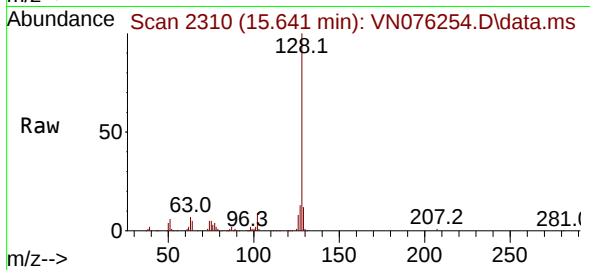
Acq: 13 Jan 2023 17:27

Instrument :

MSVOA_N

ClientSampleId :

VN0113MBS01



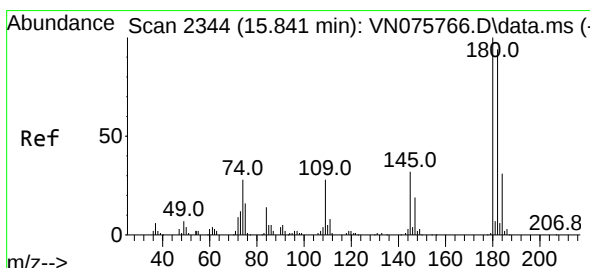
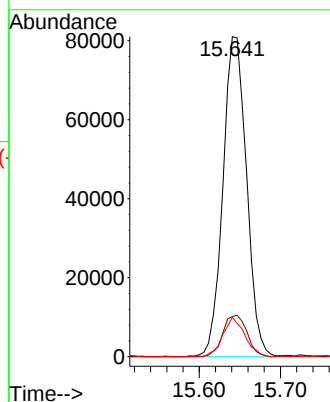
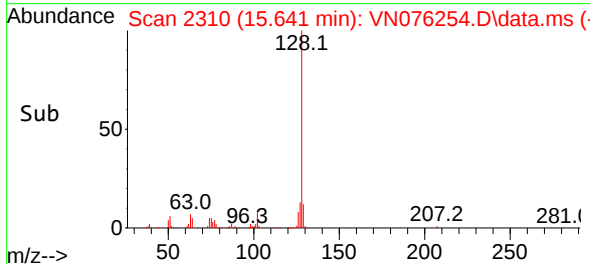
Tgt Ion:	128	Resp:	16374
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	11.5	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#96

1,2,3-Trichlorobenzene

Concen: 20.070 ug/l

RT: 15.847 min Scan# 2345

Delta R.T. 0.006 min

Lab File: VN076254.D

Acq: 13 Jan 2023 17:27

Tgt Ion:	180	Resp:	42321
Ion Ratio	Lower	Upper	
180	100		
182	97.3	47.0	141.0
145	34.0	16.0	47.9

