

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102221\
 Data File : VN069127.D
 Acq On : 22 Oct 2021 11:12
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

10/25/2021 10/25/2021 11:58:24 AM
 Supervised By :Mahesh
 Dadoda

Quant Time: Oct 22 12:49:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102221W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 22 12:48:50 2021
 Response via : Initial Calibration

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

Internal Standards							
1) Bromochloromethane	7.659	128	58706	30.000	ug/l	0.00	0.00
28) 1,4-Difluorobenzene	8.968	114	360775	30.000	ug/l	0.00	0.00
57) Chlorobenzene-d5	11.747	117	321562	30.000	ug/l	0.00	0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.440	65	141598	31.605	ug/l	0.00	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 105.367%		
60) 4-Bromofluorobenzene	12.734	95	152909	29.646	ug/l	0.00	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 98.833%		
63) Toluene-d8	10.443	98	442210	30.427	ug/l	0.00	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.433%		
Target Compounds							
						Qvalue	
2) Dichlorodifluoromethane	2.073	85	15196	5.305	ug/l		92
3) Chloromethane	2.303	50	16984	4.905	ug/l		99
4) Vinyl Chloride	2.446	62	19463	3.170	ug/l		100
5) Bromomethane	2.856	94	14720	2.600	ug/l		91
6) Chloroethane	3.020	64	13161	2.695	ug/l		97
7) Trichlorofluoromethane	3.376	101	26637	4.776	ug/l		94
8) Diethyl Ether	3.829	74	9766	5.015	ug/l		90
9) 1,1,2-Trichlorotrifluo...	4.213	101	14919	4.678	ug/l	#	69
10) 1,1-Dichloroethene	4.186	96	14913	5.006	ug/l		96
11) Methyl Iodide	4.430	142	18464	4.980	ug/l		93
12) Methyl Acetate	4.859	43	30086	5.726	ug/l		96
13) Acrolein	4.047	56	11848	48.902	ug/l		98
14) Acrylonitrile	5.559	53	37057	22.466	ug/l		92
15) Acetone	4.288	58	11232	23.471	ug/l		85
16) Carbon Disulfide	4.535	76	37166	4.652	ug/l		98
17) Allyl chloride	4.843	41	24695	5.135	ug/l		93
18) Methylene Chloride	5.101	84	18182	4.917	ug/l		99
19) trans-1,2-Dichloroethene	5.602	96	15658m	4.532	ug/l		
20) Diisopropyl ether	6.495	45	52087	4.740	ug/l		95
21) 1,1-Dichloroethane	6.393	63	29592	4.666	ug/l		98
22) cis-1,2-Dichloroethene	7.327	96	19068	4.517	ug/l		98
23) tert-Butyl Alcohol	5.364	59	15669m	25.177	ug/l		
24) Methyl tert-Butyl Ether	5.613	73	54562m	4.687	ug/l		
25) Chloroform	7.818	83	30911	4.211	ug/l		97
26) Cyclohexane	8.096	56	27852	4.970	ug/l	#	98
29) 1,1-Dichloropropene	8.225	75	23521	4.054	ug/l		99
30) 2-Butanone	7.335	43	52431	19.771	ug/l	#	98
31) 2,2-Dichloropropane	7.327	77	28174	4.191	ug/l		100
32) 1,1,1-Trichloroethane	8.016	97	28654	3.891	ug/l	#	75
33) Carbon Tetrachloride	8.206	117	23297	3.581	ug/l		98
34) Benzene	8.461	78	71365	4.146	ug/l	#	82
35) Methacrylonitrile	7.638	41	10945	4.217	ug/l		92
36) 1,2-Dichloroethane	8.531	62	25484	4.008	ug/l	#	87
37) Trichloroethene	9.218	130	18186	4.042	ug/l		96
38) Methylcyclohexane	9.462	83	31052	4.302	ug/l		99
39) 1,2-Dichloropropane	9.494	63	17726	4.130	ug/l		93
40) Dibromomethane	9.577	93	12483	3.774	ug/l		97
41) Bromodichloromethane	9.765	83	23270	3.579	ug/l		95
42) Vinyl Acetate	6.436	43	191630	19.787	ug/l	#	88

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 Sample : VSTDICC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDICC005

Manual Integrations
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 22 12:48:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.413	43	18836	3.533	ug/l #	85
44) Isopropyl Acetate	8.560	43	42344	4.432	ug/l	98
45) 1,4-Dioxane	9.566	88	6172	80.892	ug/l	94
46) Methyl methacrylate	9.558	41	18184	4.317	ug/l	92
47) n-amyl Acetate	12.390	43	30464	3.782	ug/l	99
48) t-1,3-Dichloropropene	10.722	75	25898	3.616	ug/l	99
49) cis-1,3-Dichloropropene	10.191	75	28183	3.848	ug/l	93
50) 1,1,2-Trichloroethane	10.902	97	18076	3.925	ug/l	99
51) Ethyl methacrylate	10.762	69	27243	3.830	ug/l	92
52) 1,3-Dichloropropane	11.044	76	29885	3.969	ug/l	100
53) Dibromochloromethane	11.240	129	16997	3.274	ug/l	97
54) 1,2-Dibromoethane	11.347	107	17807	3.697	ug/l	98
55) 2-Chloroethyl vinyl ether	10.044	63	48329	23.855	ug/l	100
56) Bromoform	12.460	173	10925	2.917	ug/l #	98
58) 4-Methyl-2-Pentanone	10.331	43	111476	20.214	ug/l	98
59) 2-Hexanone	11.087	43	82253	20.359	ug/l	98
61) Tetrachloroethene	10.980	164	15382	4.093	ug/l	93
62) Toluene	10.508	91	82144	4.235	ug/l	97
64) Chlorobenzene	11.771	112	48139	4.051	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.843	131	17367	3.805	ug/l	98
66) Ethyl Benzene	11.846	91	88944	4.061	ug/l	100
67) m/p-Xylenes	11.953	106	65595	7.774	ug/l	97
68) o-Xylene	12.283	106	33113	3.980	ug/l	99
69) Styrene	12.296	104	50755	3.696	ug/l	99
70) Isopropylbenzene	12.581	105	83620	3.799	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.830	83	24016	3.838	ug/l	99
72) 1,2,3-Trichloropropane	12.881	75	20990m	4.084	ug/l	
73) Bromobenzene	12.862	156	18619	3.726	ug/l	95
74) n-propylbenzene	12.921	91	93352	3.709	ug/l	100
75) 2-Chlorotoluene	13.010	91	59023	3.968	ug/l	96
76) 1,3,5-Trimethylbenzene	13.061	105	69490	3.824	ug/l	98
77) t-1,4-Dichloro-2-butene	12.629	75	6560	3.294	ug/l	96
78) 4-Chlorotoluene	13.109	91	56348	3.851	ug/l	94
79) tert-butylbenzene	13.324	119	60761	3.803	ug/l	98
80) 1,2,4-Trimethylbenzene	13.372	105	68231	3.790	ug/l #	81
81) sec-Butylbenzene	13.503	105	83874	3.688	ug/l	99
82) p-Isopropyltoluene	13.616	119	67035	3.570	ug/l	99
83) 1,3-Dichlorobenzene	13.619	146	32610	3.561	ug/l	99
84) 1,4-Dichlorobenzene	13.696	146	31396	3.606	ug/l	98
85) n-Butylbenzene	13.946	91	53484	3.474	ug/l	99
86) Hexachloroethane	14.214	117	11423	3.242	ug/l	96
87) 1,2-Dichlorobenzene	13.991	146	31883	3.746	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.606	75	4101	3.695	ug/l	97
89) 1,2,4-Trichlorobenzene	15.265	180	15356	3.711	ug/l	98
90) Hexachlorobutadiene	15.370	225	8918	4.248	ug/l	97
91) Naphthalene	15.507	128	46434	4.062	ug/l	99
92) 1,2,3-Trichlorobenzene	15.703	180	14847	3.778	ug/l	97

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

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Acq On : 22 Oct 2021 11:12
Operator : JC/MD
Sample : VSTDIC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

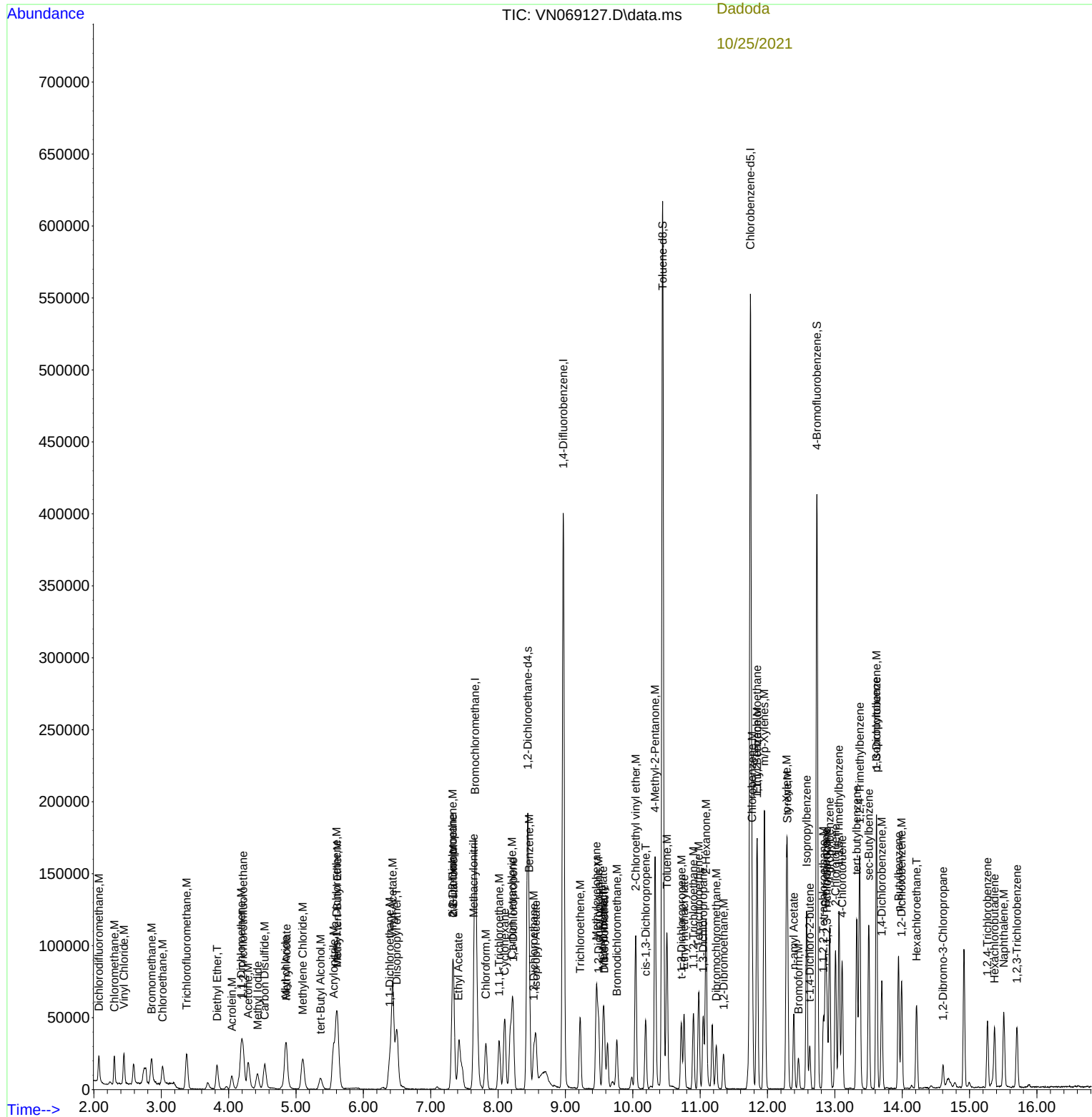
Manual Integrations
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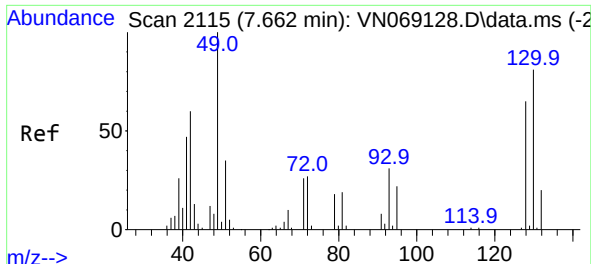
Reviewed By :John
Carlone

10/25/2021 10/25/2021 11:58:24 AM
Supervised By :Mahesh
Dadoda

10/25/2021

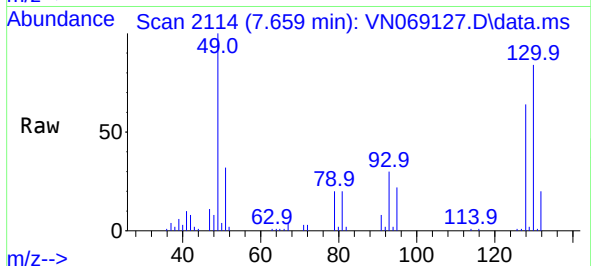
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 22 12:48:50 2021
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



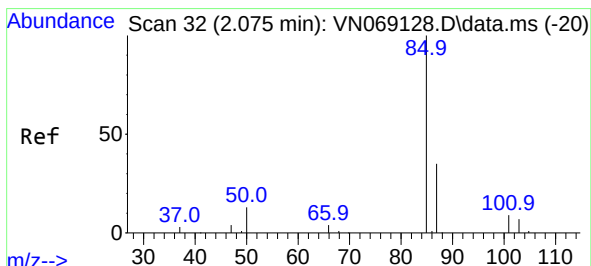
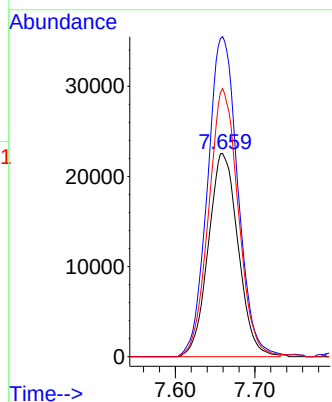
Tgt Ion:128 Resp: 58700
Ion Ratio Lower Upper
128 100
49 160.1 0.0 392.3
130 131.4 0.0 320.2

Manual Integrations
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Reviewed By :John
Carlone

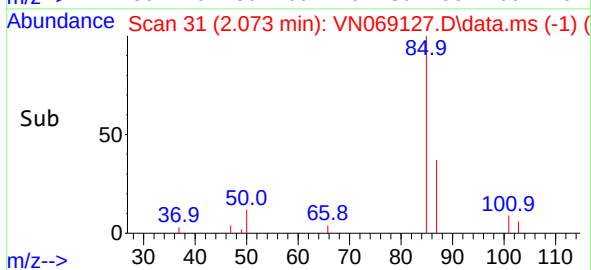
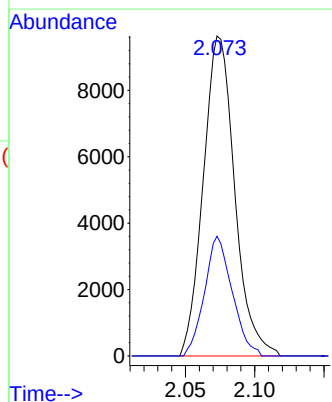
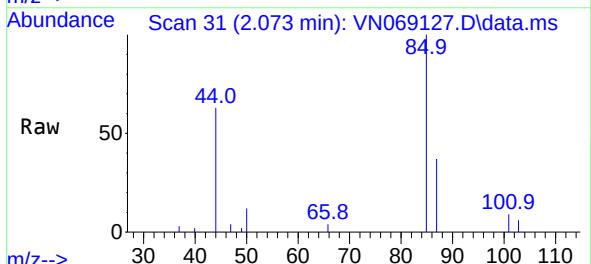
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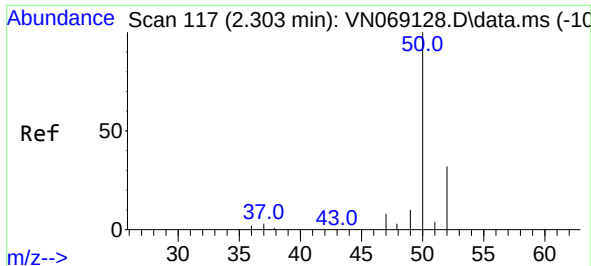
10/25/2021



#2
Dichlorodifluoromethane
Concen: 5.305 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

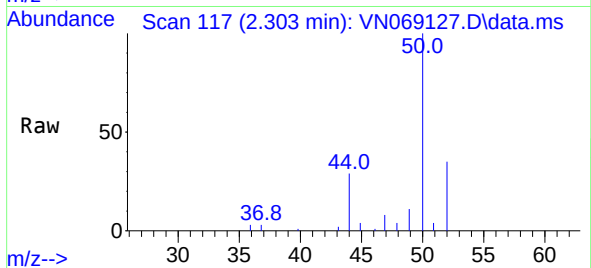
Tgt Ion: 85 Resp: 15196
Ion Ratio Lower Upper
85 100
87 37.4 16.6 49.7





#3
Chloromethane
Concen: 4.905 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



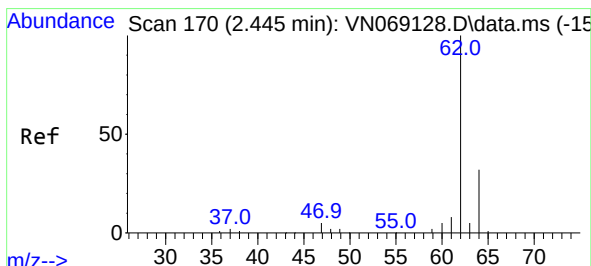
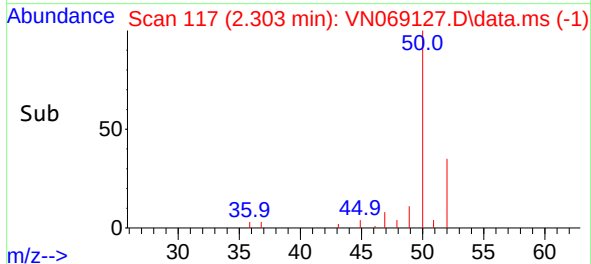
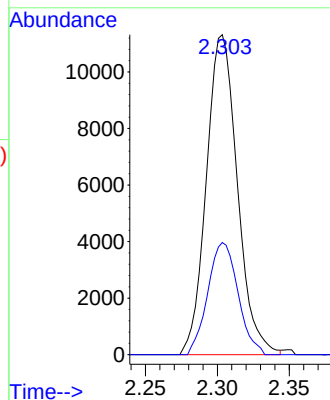
Tgt Ion: 50 Resp: 16984
Ion Ratio Lower Upper
50 100
52 35.1 27.8 41.6

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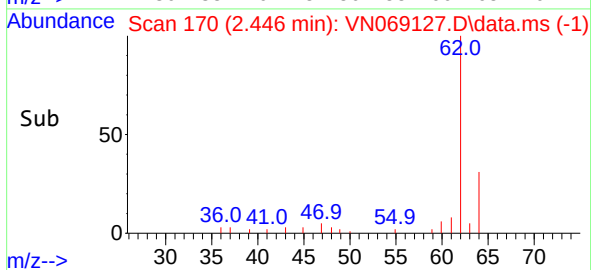
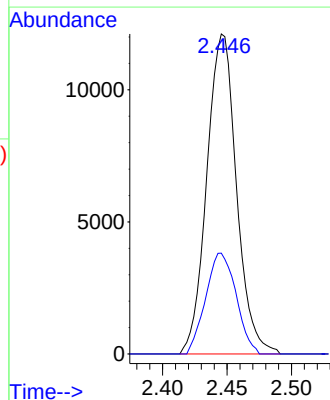
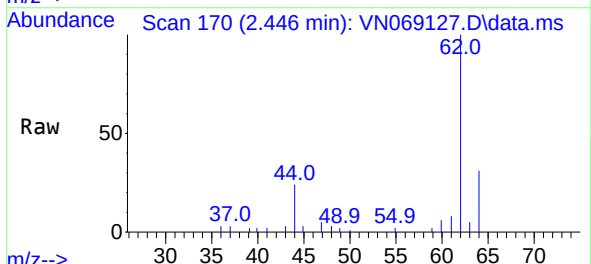
10/25/2021 10/25/2021 11:58:24 AM
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Dadoda

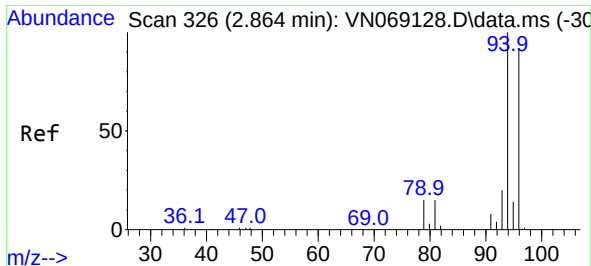
10/25/2021



#4
Vinyl Chloride
Concen: 3.170 ug/l
RT: 2.446 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

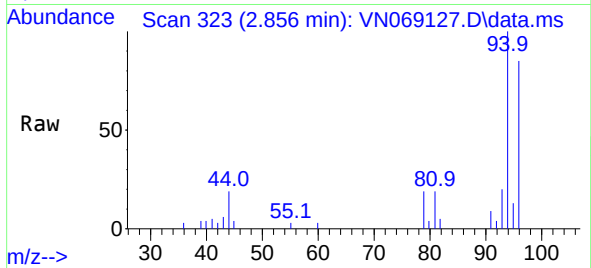
Tgt Ion: 62 Resp: 19463
Ion Ratio Lower Upper
62 100
64 31.5 25.1 37.7





#5
Bromomethane
Concen: 2.600 ug/l
RT: 2.856 min Scan# 31
Delta R.T. -0.008 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



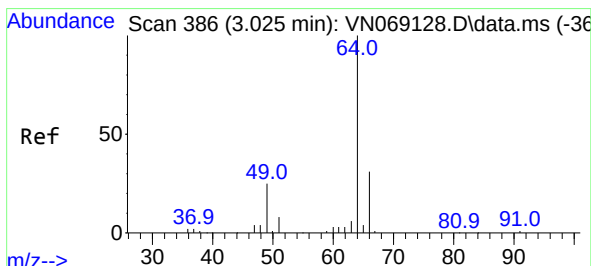
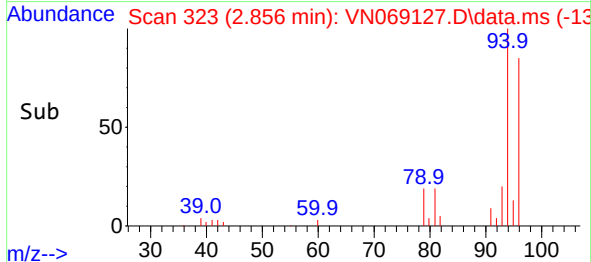
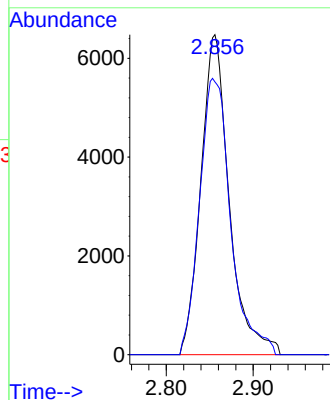
Tgt Ion: 94 Resp: 14720
Ion Ratio Lower Upper
94 100
96 85.2 75.2 112.8

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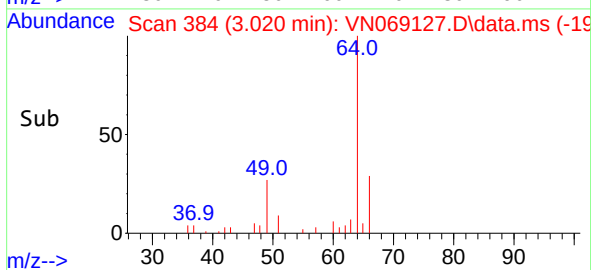
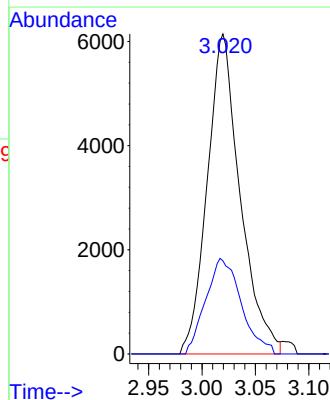
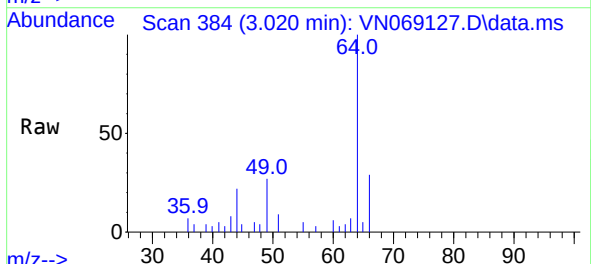
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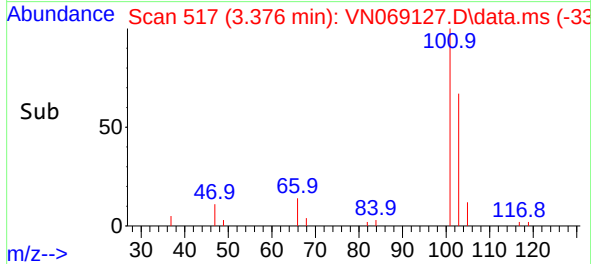
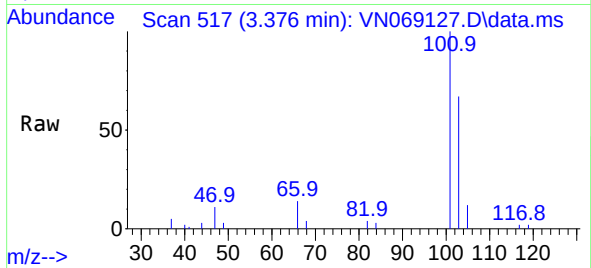
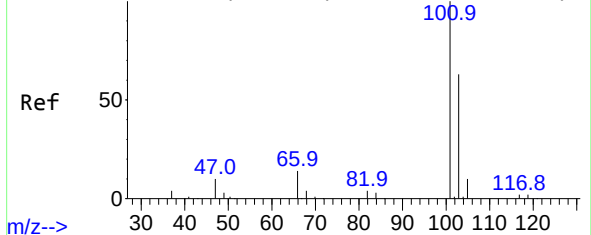


#6
Chloroethane
Concen: 2.695 ug/l
RT: 3.020 min Scan# 384
Delta R.T. -0.005 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Tgt Ion: 64 Resp: 13161
Ion Ratio Lower Upper
64 100
66 29.1 24.6 36.8



Abundance Scan 518 (3.379 min): VN069128.D\data.ms (-49



#7

Trichlorofluoromethane

Concen: 4.776 ug/l

RT: 3.376 min Scan# 518

Delta R.T. -0.002 min

Lab File: VN069127.D

Acq: 22 Oct 2021 11:12

Tgt Ion:101 Resp: 2663

Ion Ratio Lower Upper

101 100

103 67.1 50.1 75.1

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Manual Integrations

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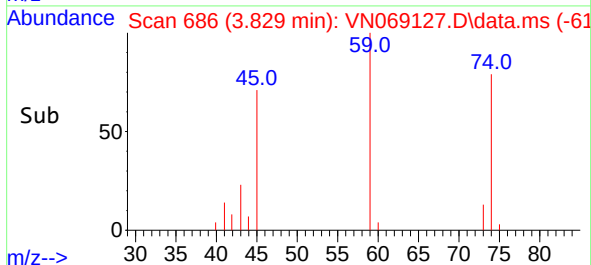
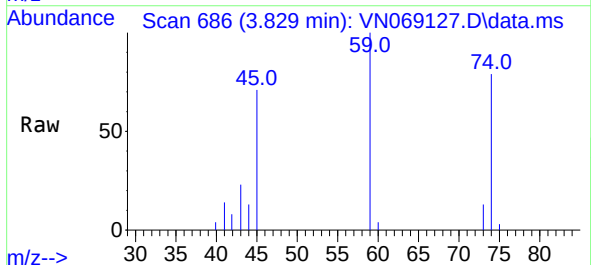
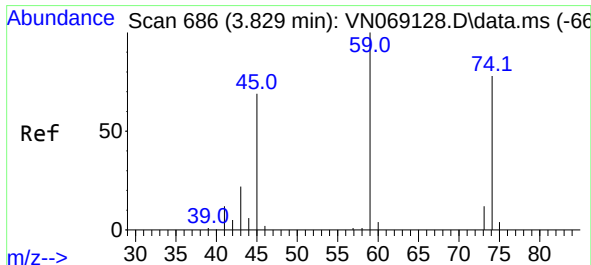
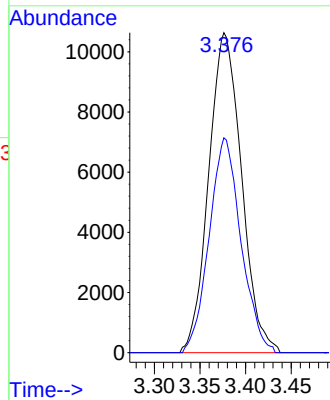
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10/25/2021

10/25/2021 11:58:24 AM

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Dadoda

10/25/2021



#8

Diethyl Ether

Concen: 5.015 ug/l

RT: 3.829 min Scan# 686

Delta R.T. 0.000 min

Lab File: VN069127.D

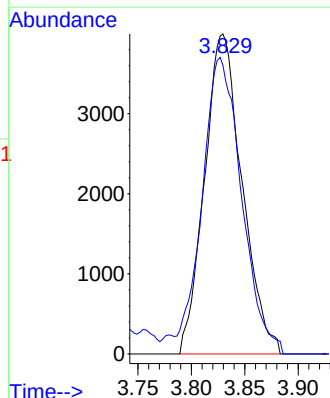
Acq: 22 Oct 2021 11:12

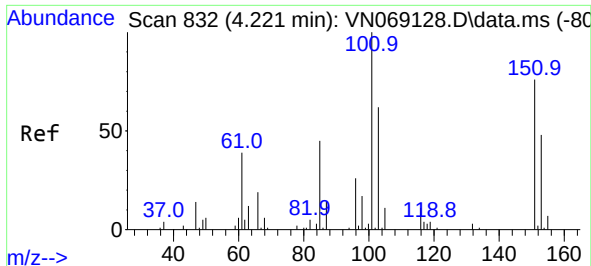
Tgt Ion: 74 Resp: 9766

Ion Ratio Lower Upper

74 100

45 97.2 17.6 158.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.678 ug/l
RT: 4.213 min Scan# 819
Delta R.T. -0.008 min
Lab File: VN069127.D
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Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

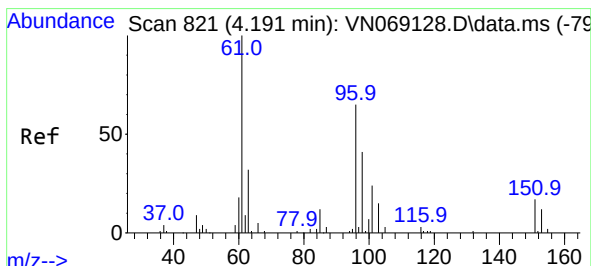
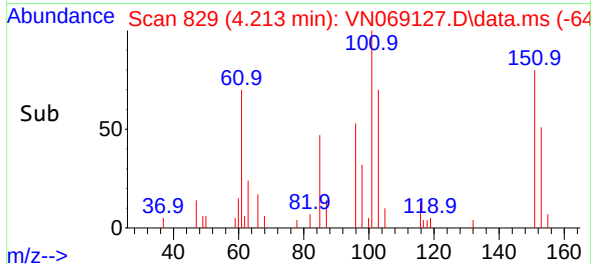
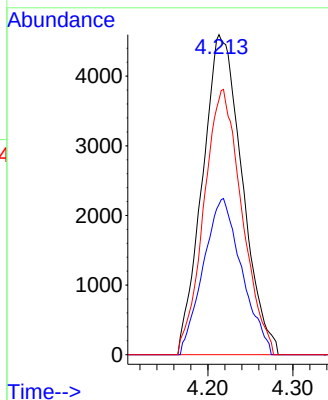
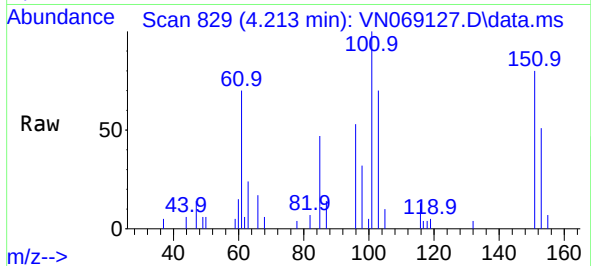
Tgt Ion:101 Resp: 14919
Ion Ratio Lower Upper
101 100
85 47.3 0.0 94.0
151 79.3 0.0 74.6

Manual Integrations
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Reviewed By :John
Carlone

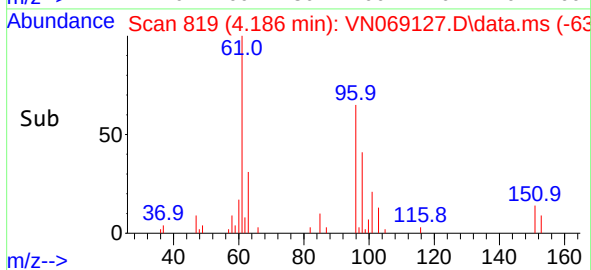
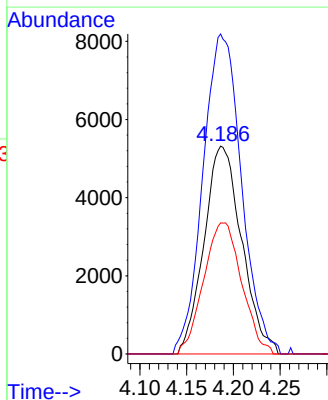
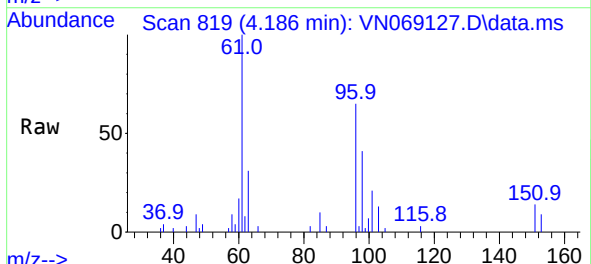
10/25/2021 10/25/2021 11:58:24 AM
Supervised By :Mahesh
Dadoda

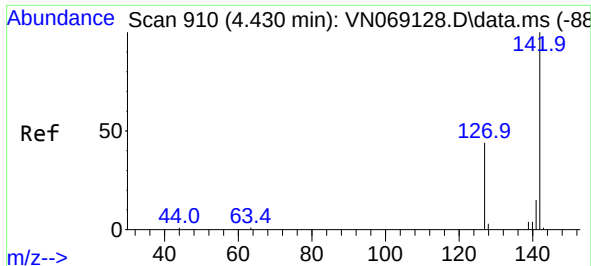
10/25/2021



#10
1,1-Dichloroethene
Concen: 5.006 ug/l
RT: 4.186 min Scan# 819
Delta R.T. -0.005 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Tgt Ion: 96 Resp: 14913
Ion Ratio Lower Upper
96 100
61 150.1 126.2 189.4
98 63.0 50.9 76.3





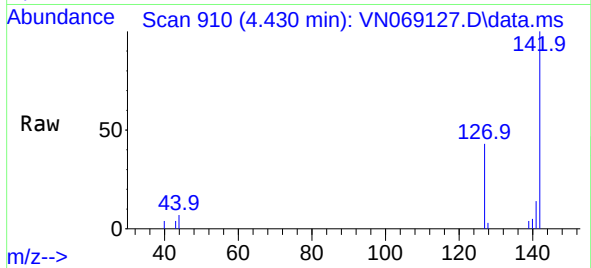
#11
Methyl Iodide
Concen: 4.980 ug/l
RT: 4.430 min Scan# 910
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



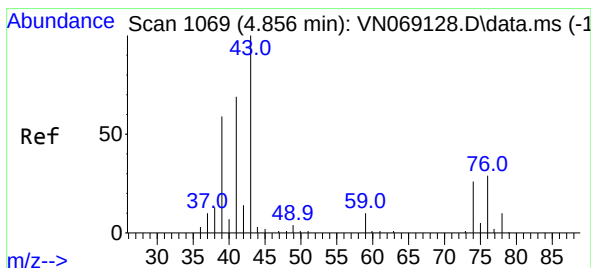
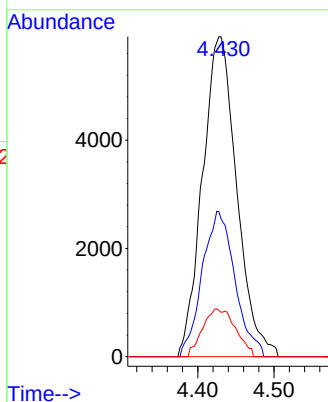
Tgt Ion:142 Resp: 1846
Ion Ratio Lower Upper
142 100
127 43.2 24.0 72.0
141 13.9 8.4 25.2

Manual Integrations
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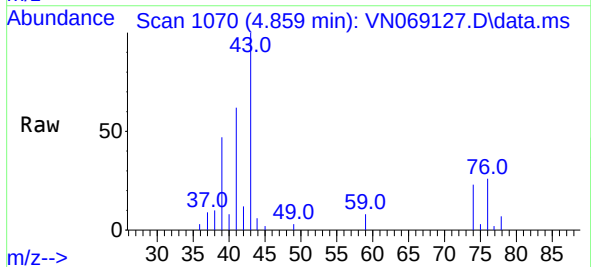
Reviewed By :John
Carlone

10/25/2021 10/25/2021 11:58:24 AM
Supervised By :Mahesh
Dadoda

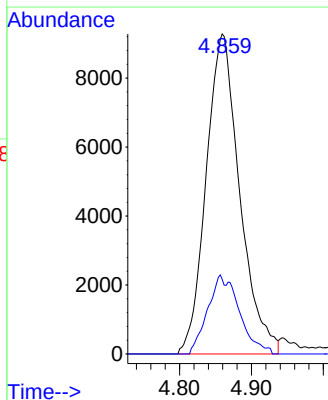
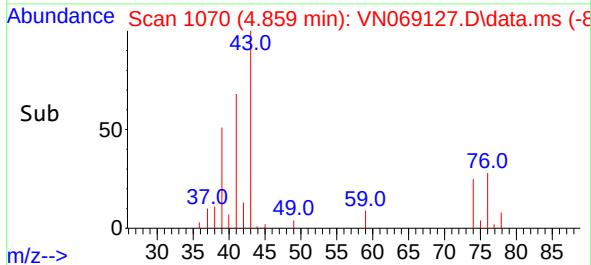
10/25/2021

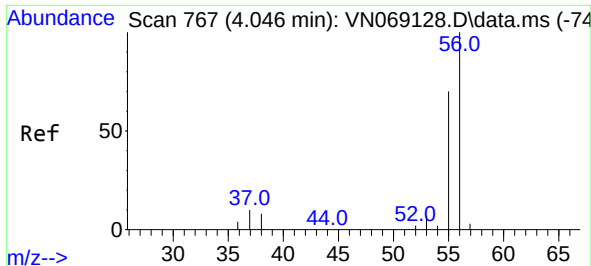


#12
Methyl Acetate
Concen: 5.726 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.003 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12



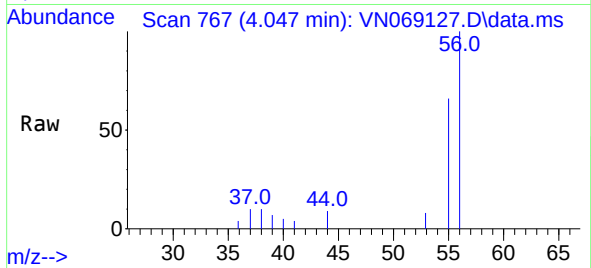
Tgt Ion: 43 Resp: 30086
Ion Ratio Lower Upper
43 100
74 23.8 20.8 31.2





#13
Acrolein
Concen: 48.902 ug/l
RT: 4.047 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



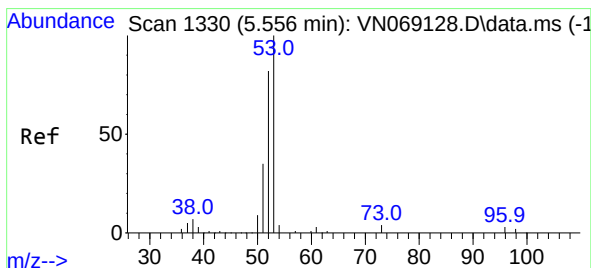
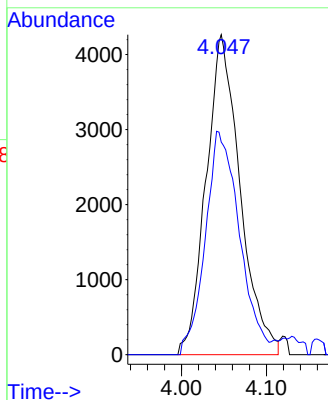
Tgt Ion: 56 Resp: 1184
Ion Ratio Lower Upper
56 100
55 70.0 57.6 86.4

Manual Integrations
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Reviewed By :John
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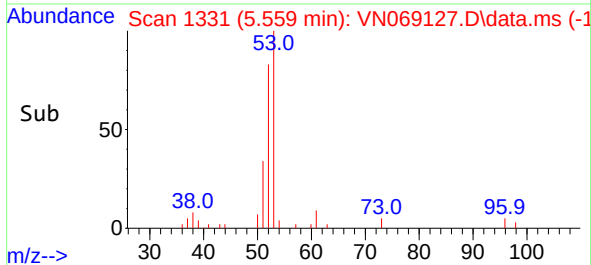
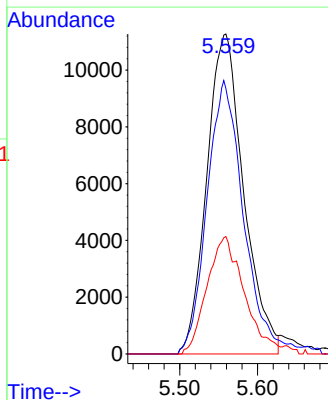
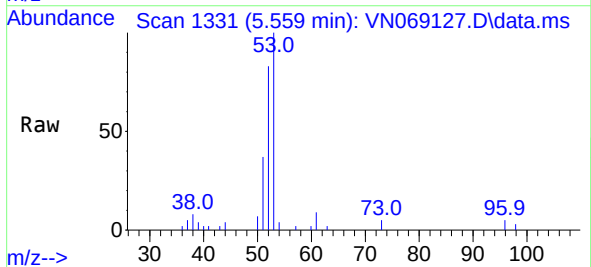
10/25/2021 10/25/2021 11:58:24 AM
Supervised By :Mahesh
Dadoda

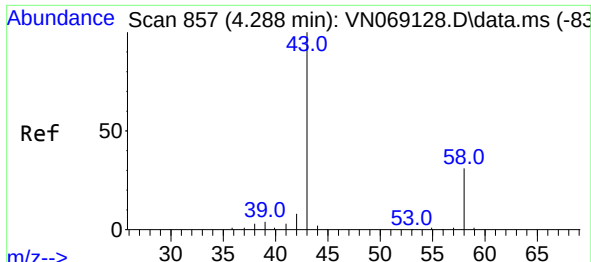
10/25/2021



#14
Acrylonitrile
Concen: 22.466 ug/l
RT: 5.559 min Scan# 1331
Delta R.T. 0.003 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

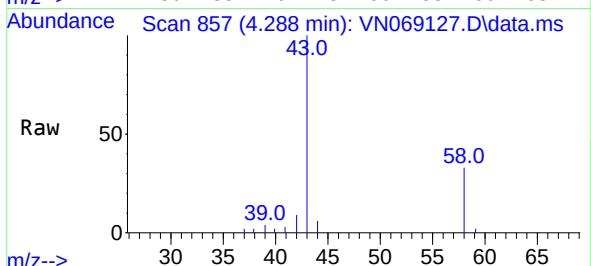
Tgt Ion: 53 Resp: 37057
Ion Ratio Lower Upper
53 100
52 84.1 41.8 125.4
51 24.0 19.0 57.0





#15
Acetone
Concen: 23.471 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Instrument :
MSVOA_N
Client SampleId :
VSTDIC005



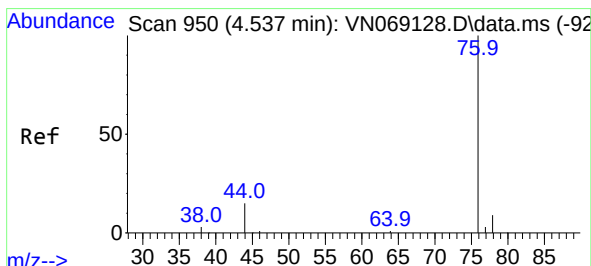
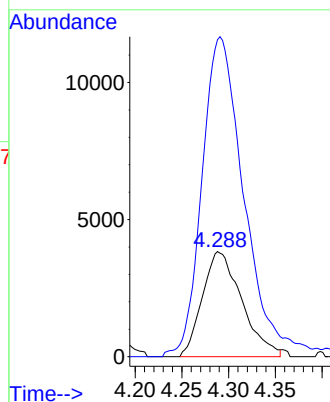
Tgt Ion: 58 Resp: 1123
Ion Ratio Lower Upper
58 100
43 290.2 256.6 384.8

Manual Integrations
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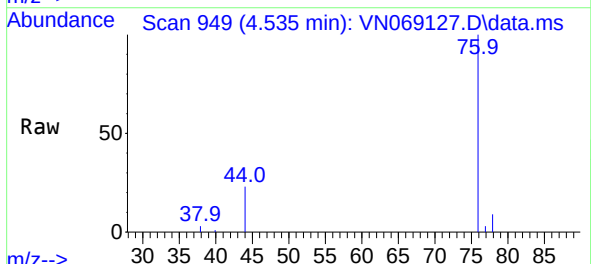
Reviewed By :John
Carlone

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Supervised By :Mahesh
Dadoda

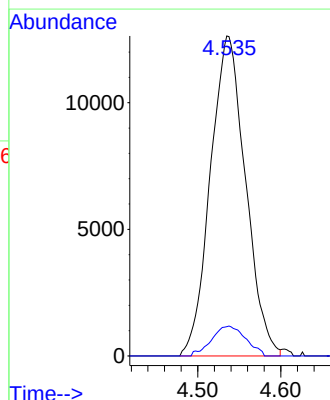
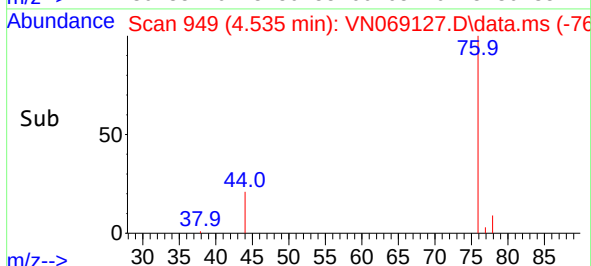
10/25/2021

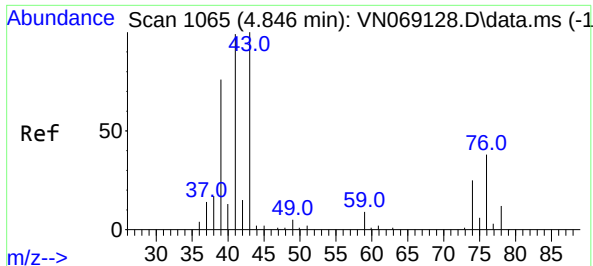


#16
Carbon Disulfide
Concen: 4.652 ug/l
RT: 4.535 min Scan# 949
Delta R.T. -0.002 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12



Tgt Ion: 76 Resp: 37166
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.8





#17
 Allyl chloride
 Concen: 5.135 ug/l
 RT: 4.843 min Scan# 1065
 Delta R.T. -0.002 min
 Lab File: VN069127.D
 Acq: 22 Oct 2021 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 2469
 Ion Ratio Lower Upper
 41 100
 39 79.7 44.6 134.0
 76 39.0 19.6 58.7

Manual Integrations
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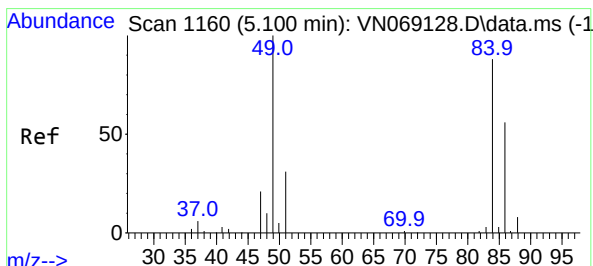
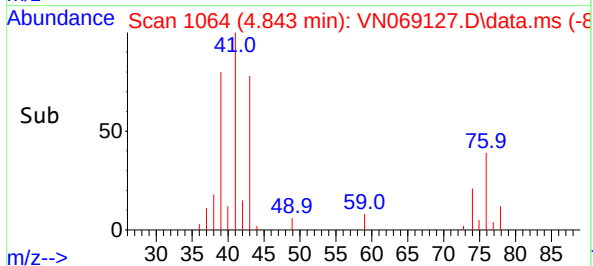
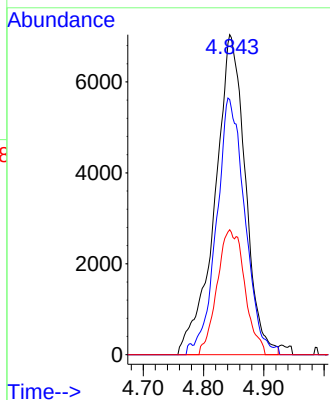
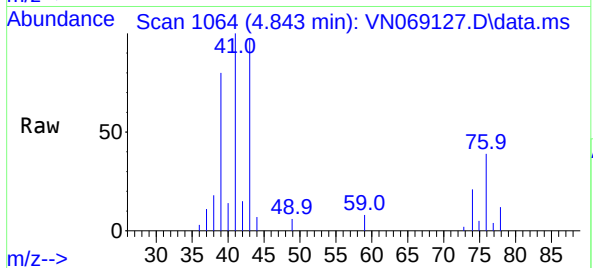
Reviewed By :John
 Carlone

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10/25/2021 11:58:24 AM

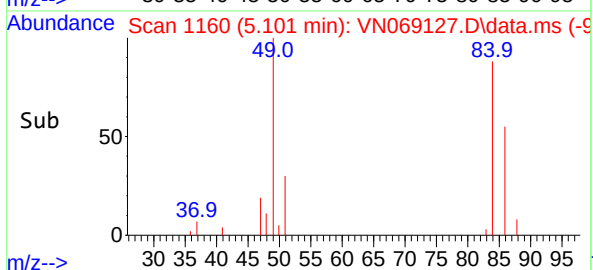
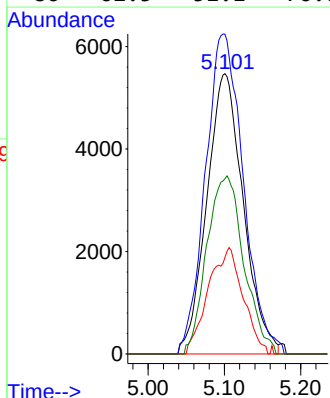
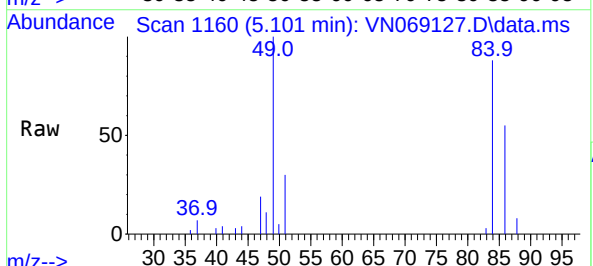
Supervised By :Mahesh
 Dadoda

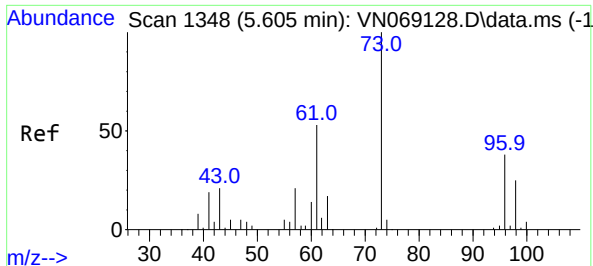
10/25/2021



#18
 Methylene Chloride
 Concen: 4.917 ug/l
 RT: 5.101 min Scan# 1160
 Delta R.T. 0.000 min
 Lab File: VN069127.D
 Acq: 22 Oct 2021 11:12

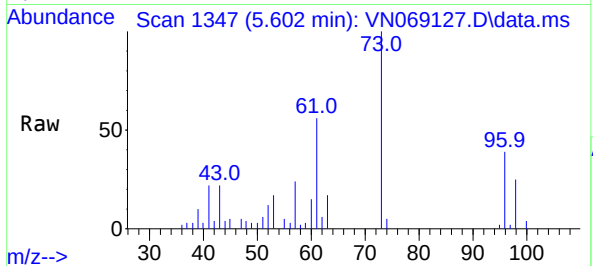
Tgt Ion: 84 Resp: 18182
 Ion Ratio Lower Upper
 84 100
 49 114.1 91.4 137.0
 51 34.4 29.4 44.0
 86 62.5 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 4.532 ug/l m
RT: 5.602 min Scan# 1
Delta R.T. -0.002 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



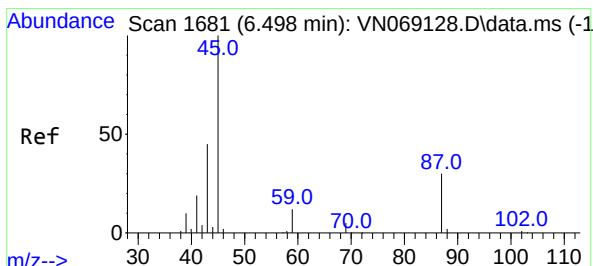
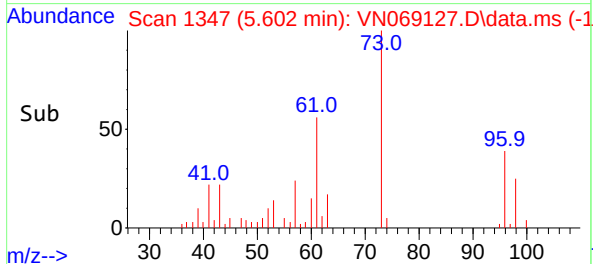
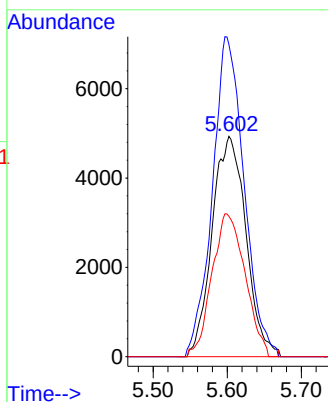
Tgt Ion: 96 Resp: 15658
Ion Ratio Lower Upper
96 100
61 141.7 102.8 154.2
98 63.7 49.3 73.9

Manual Integrations
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Reviewed By :John
Carlone

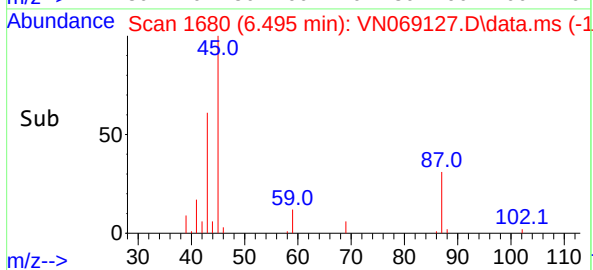
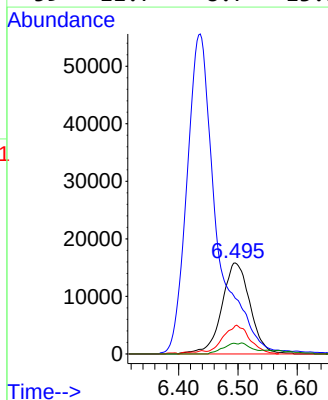
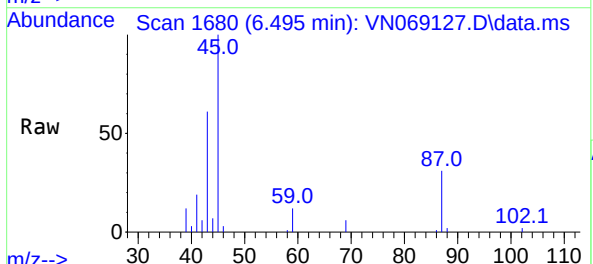
10/25/2021 10/25/2021 11:58:24 AM
Supervised By :Mahesh
Dadoda

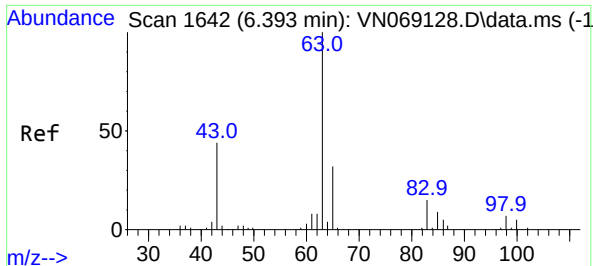
10/25/2021



#20
Diisopropyl ether
Concen: 4.740 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.002 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Tgt Ion: 45 Resp: 52087
Ion Ratio Lower Upper
45 100
43 57.1 51.0 76.4
87 30.9 25.0 37.4
59 11.7 8.7 13.1





#21
1,1-Dichloroethane
Concen: 4.666 ug/l
RT: 6.393 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

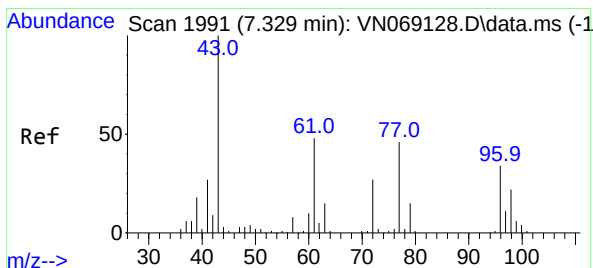
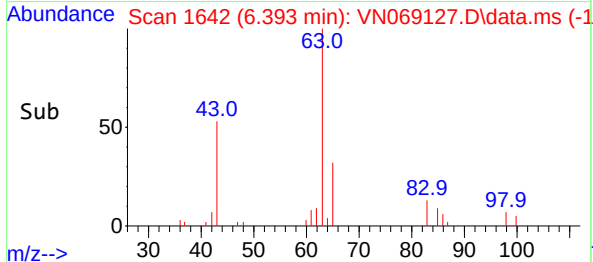
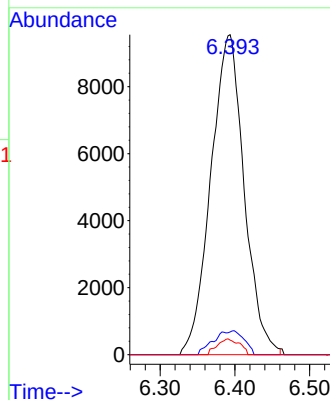
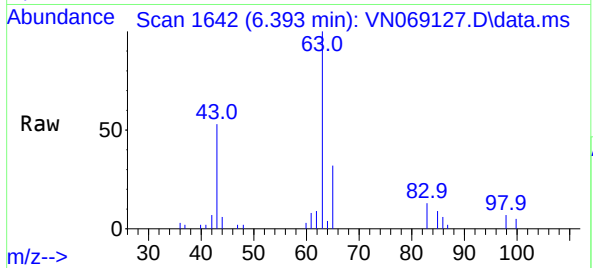
Tgt Ion: 63 Resp: 29592
Ion Ratio Lower Upper
63 100
98 7.1 3.2 9.6
100 4.6 2.1 6.2

Manual Integrations
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Reviewed By :John
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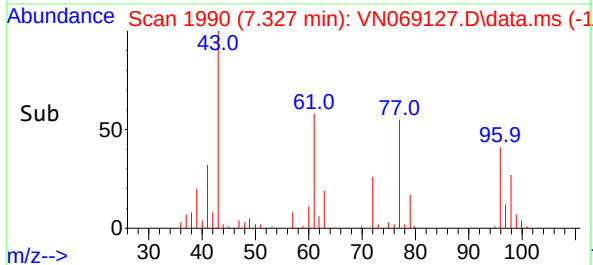
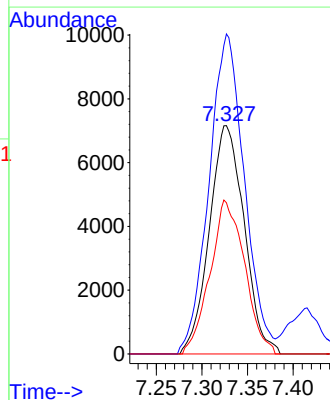
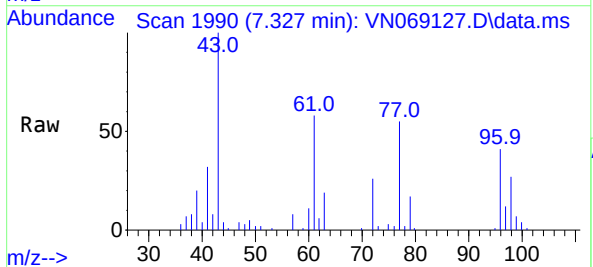
10/25/2021 10/25/2021 11:58:24 AM
Supervised By :Mahesh
Dadoda

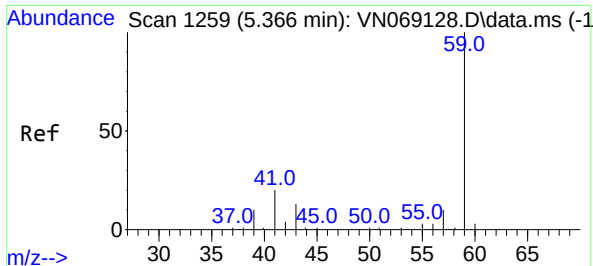
10/25/2021



#22
cis-1,2-Dichloroethene
Concen: 4.517 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.002 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Tgt Ion: 96 Resp: 19068
Ion Ratio Lower Upper
96 100
61 142.2 115.7 173.5
98 66.8 51.6 77.4





#23

tert-Butyl Alcohol

Concen: 25.177 ug/l m

RT: 5.364 min Scan# 11

Delta R.T. -0.002 min

Lab File: VN069127.D

Acq: 22 Oct 2021 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 59 Resp: 1566

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0

Manual Integrations

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Reviewed By :John

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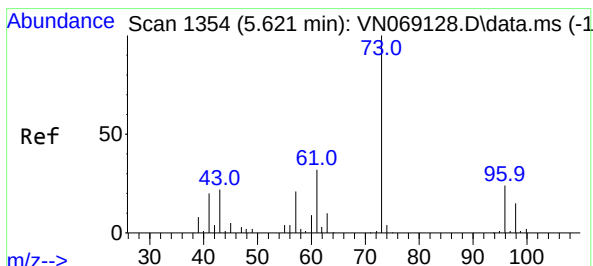
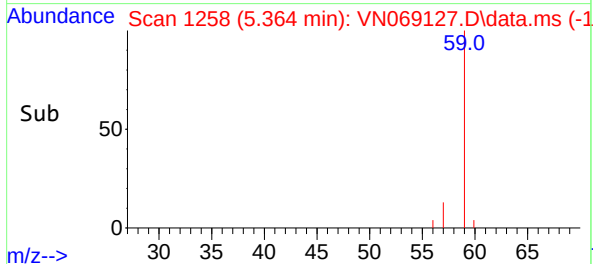
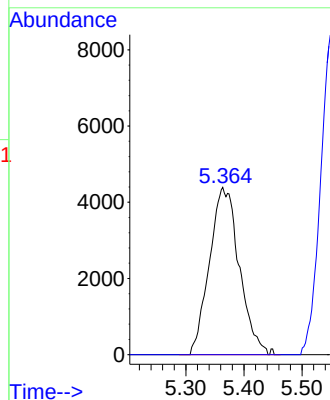
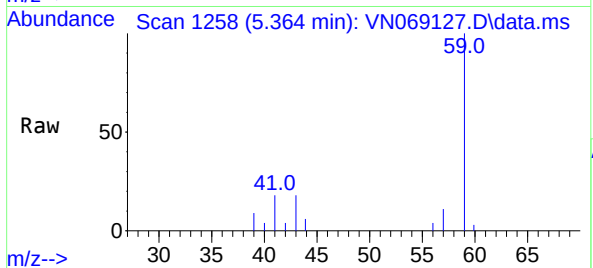
10/25/2021

10/25/2021 11:58:24 AM

Supervised By :Mahesh

Dadoda

10/25/2021



#24

Methyl tert-Butyl Ether

Concen: 4.687 ug/l m

RT: 5.613 min Scan# 1351

Delta R.T. -0.008 min

Lab File: VN069127.D

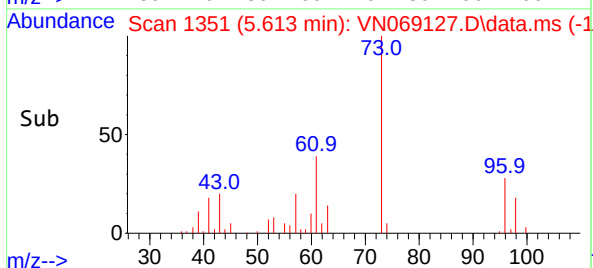
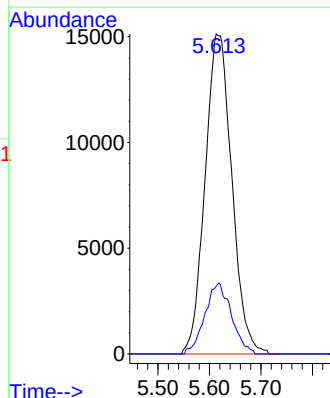
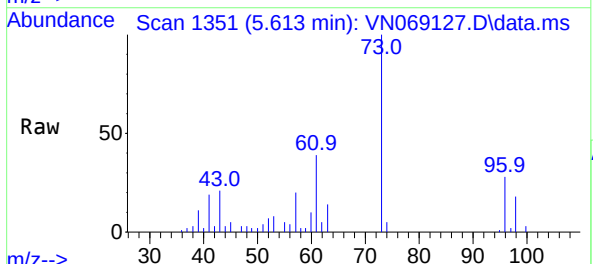
Acq: 22 Oct 2021 11:12

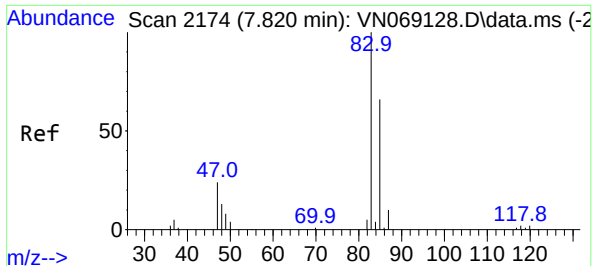
Tgt Ion: 73 Resp: 54562

Ion Ratio Lower Upper

73 100

43 16.1 18.1 27.1#





#25

Chloroform

Concen: 4.211 ug/l

RT: 7.818 min Scan# 2173

Delta R.T. -0.002 min

Lab File: VN069127.D

Acq: 22 Oct 2021 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

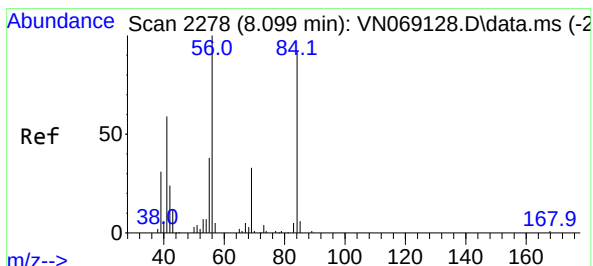
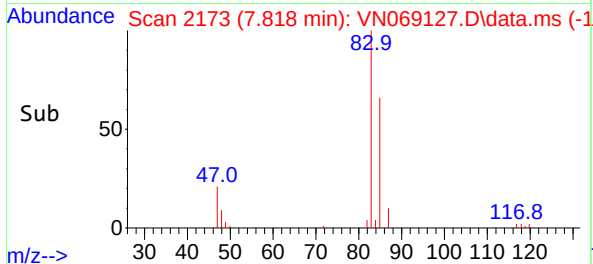
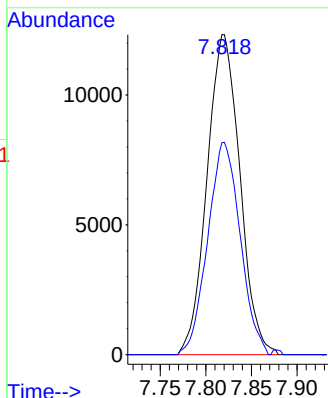
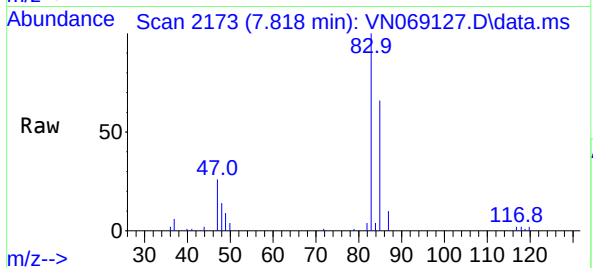
Tgt Ion: 83 Resp: 3091
 Ion Ratio Lower Upper
 83 100
 85 66.3 51.3 76.9

Manual Integrations
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Reviewed By :John
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10/25/2021 10/25/2021 11:58:24 AM
 Supervised By :Mahesh
 Dadoda

10/25/2021



#26

Cyclohexane

Concen: 4.970 ug/l

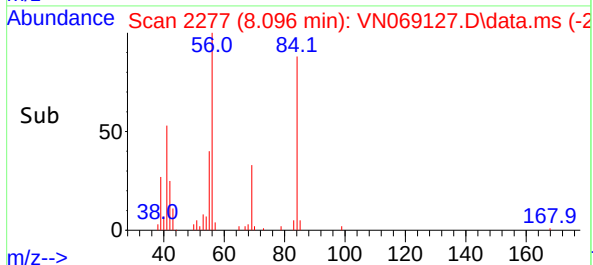
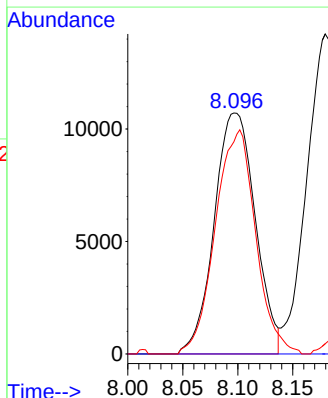
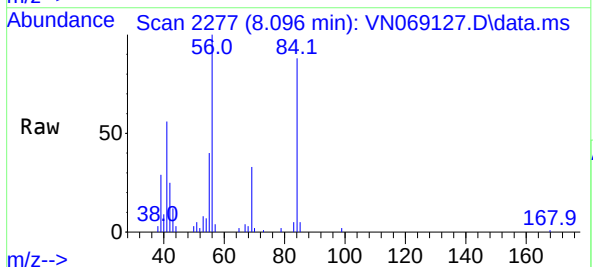
RT: 8.096 min Scan# 2277

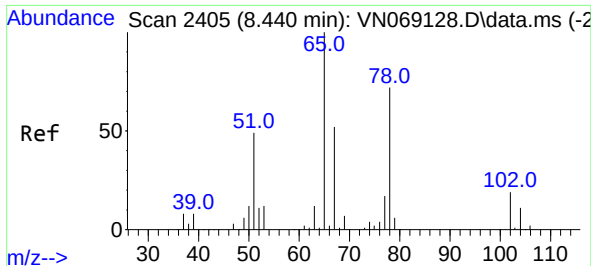
Delta R.T. -0.002 min

Lab File: VN069127.D

Acq: 22 Oct 2021 11:12

Tgt Ion: 56 Resp: 27852
 Ion Ratio Lower Upper
 56 100
 89 0.0 0.1 0.1#
 84 91.3 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 31.605 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 65 Resp: 141598
Ion Ratio Lower Upper
65 100
67 52.0 40.2 60.2

Manual Integrations
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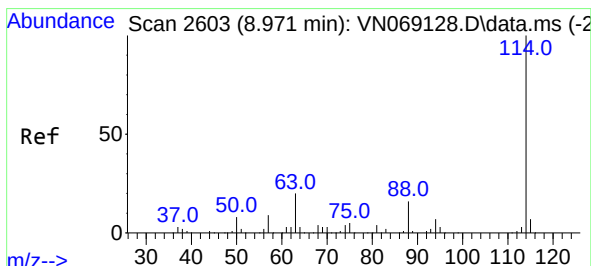
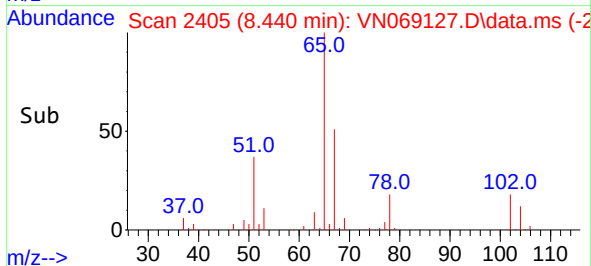
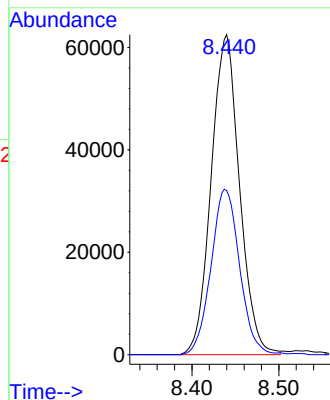
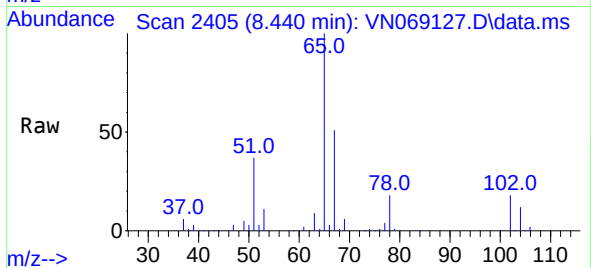
Reviewed By :John
Carlone

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10/25/2021 11:58:24 AM

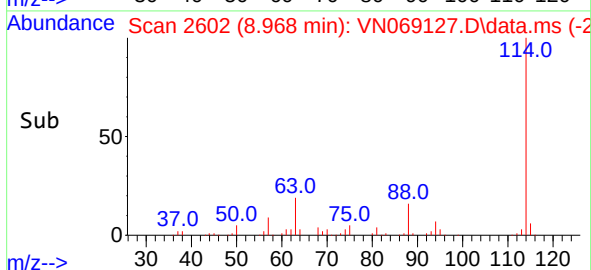
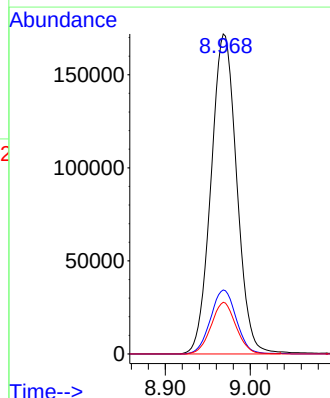
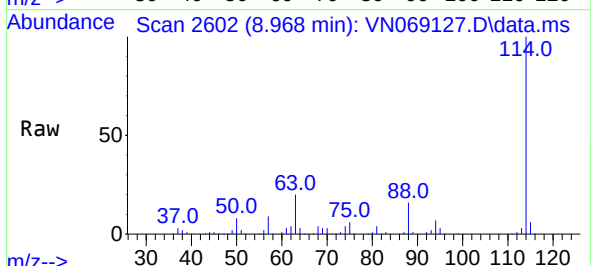
Supervised By :Mahesh
Dadoda

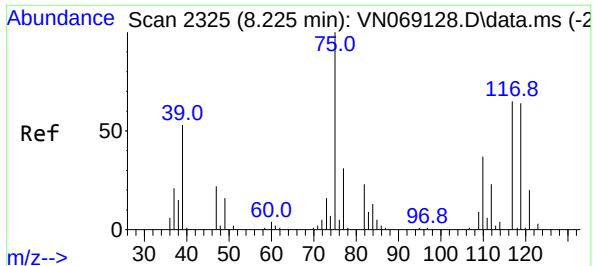
10/25/2021



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.002 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Tgt Ion:114 Resp: 360775
Ion Ratio Lower Upper
114 100
63 20.2 15.8 23.6
88 15.7 11.6 17.4





#29

1,1-Dichloropropene

Concen: 4.054 ug/l

RT: 8.225 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN069127.D

Acq: 22 Oct 2021 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 75	Resp: 2352
Ion Ratio	Lower Upper
75 100	
110 36.2	0.0 74.2
77 30.8	0.0 63.2

Manual Integrations
APPROVED

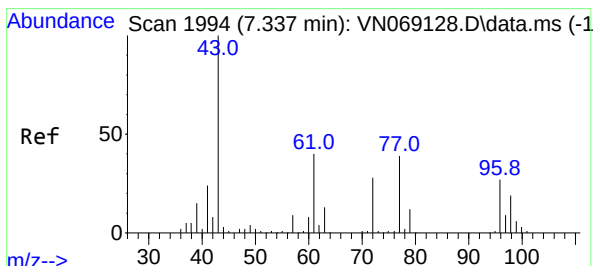
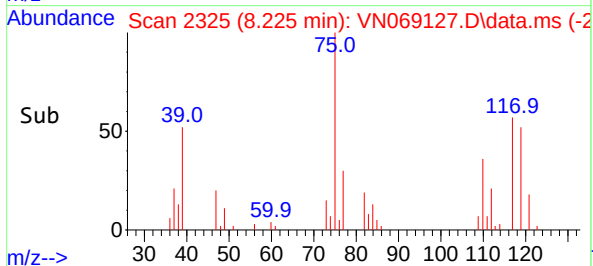
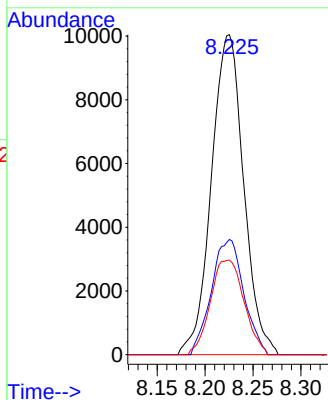
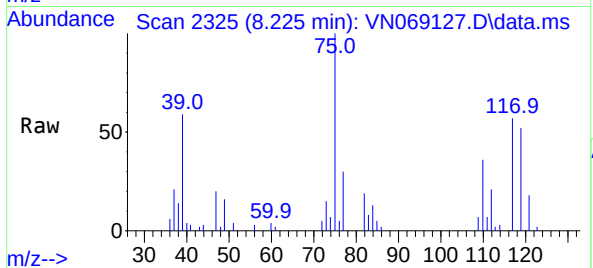
Reviewed By :John
Carlone

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10/25/2021 11:58:24 AM

Supervised By :Mahesh
Dadoda

10/25/2021



#30

2-Butanone

Concen: 19.771 ug/l

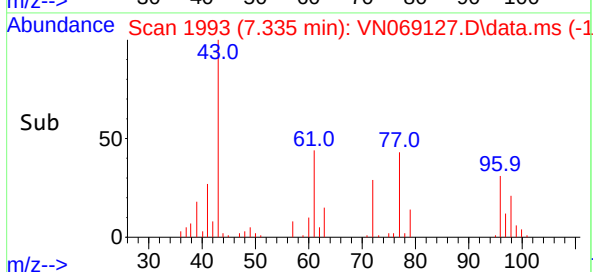
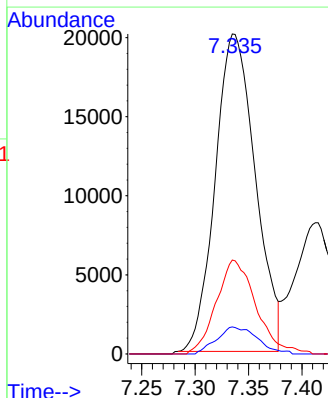
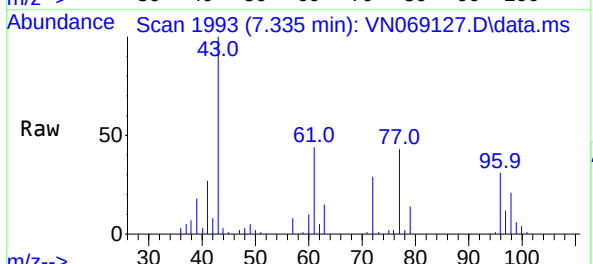
RT: 7.335 min Scan# 1993

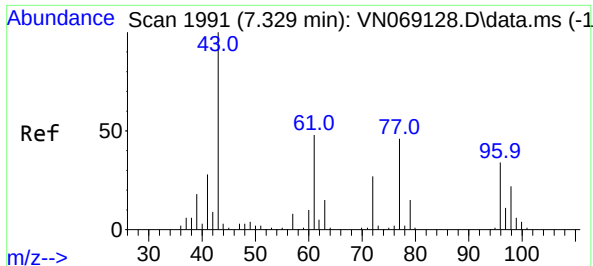
Delta R.T. -0.002 min

Lab File: VN069127.D

Acq: 22 Oct 2021 11:12

Tgt Ion: 43	Resp: 52431
Ion Ratio	Lower Upper
43 100	
57 5.1	6.7 10.1#
72 28.8	23.2 34.8





#31
2,2-Dichloropropane
Concen: 4.191 ug/l
RT: 7.327 min Scan# 1991
Delta R.T. -0.002 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

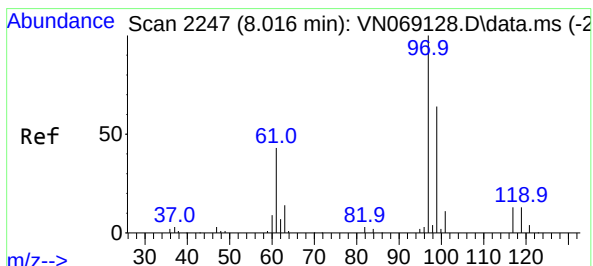
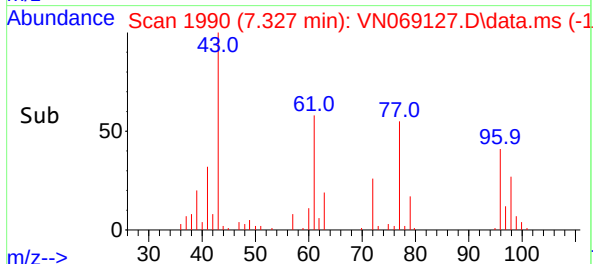
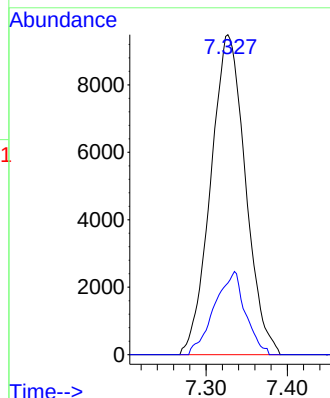
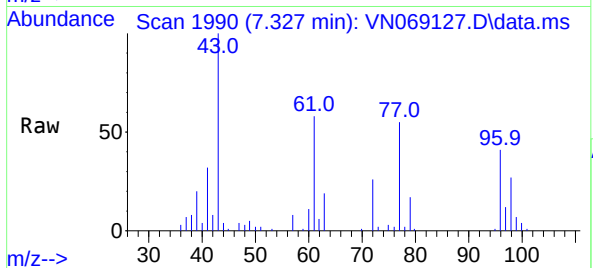
Tgt Ion: 77 Resp: 28174
Ion Ratio Lower Upper
77 100
97 23.1 18.3 27.5

Manual Integrations
APPROVED

Reviewed By :John
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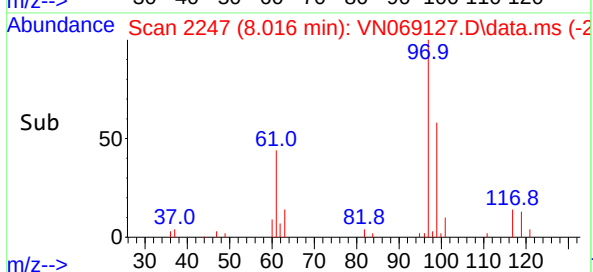
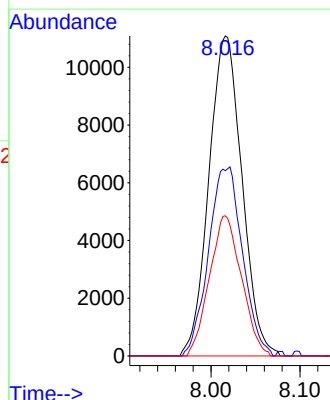
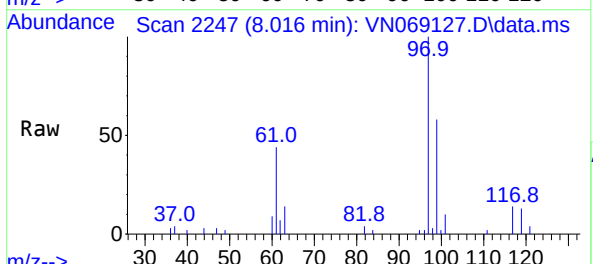
10/25/2021 10/25/2021 11:58:24 AM
Supervised By :Mahesh
Dadoda

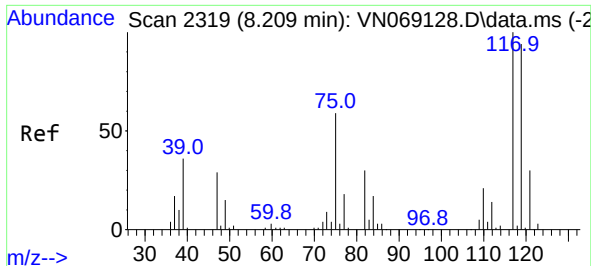
10/25/2021



#32
1,1,1-Trichloroethane
Concen: 3.891 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

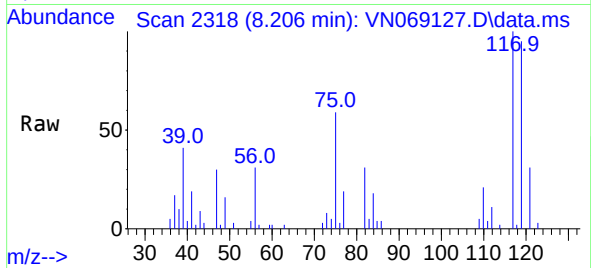
Tgt Ion: 97 Resp: 28654
Ion Ratio Lower Upper
97 100
99 31.5 50.4 75.6#
61 42.4 34.6 51.8





#33
Carbon Tetrachloride
Concen: 3.581 ug/l
RT: 8.206 min Scan# 2319
Delta R.T. -0.002 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



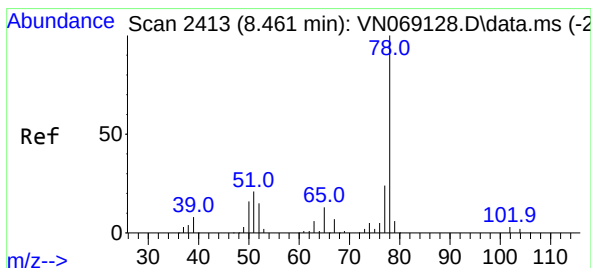
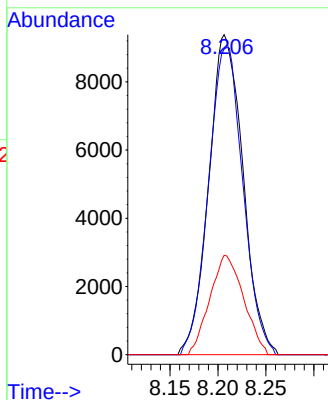
Tgt Ion: 117 Resp: 2329
Ion Ratio Lower Upper
117 100
119 95.4 77.5 116.3
121 31.0 23.5 35.3

Manual Integrations
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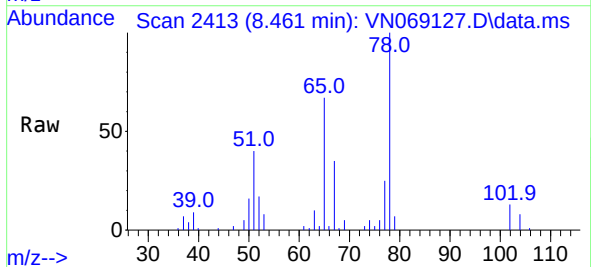
Reviewed By :John
Carlone

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Supervised By :Mahesh
Dadoda

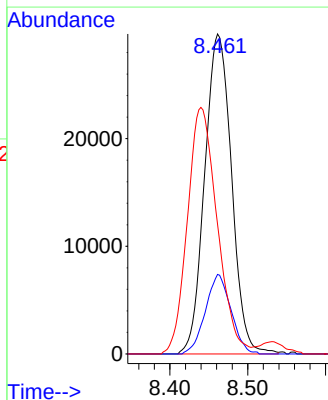
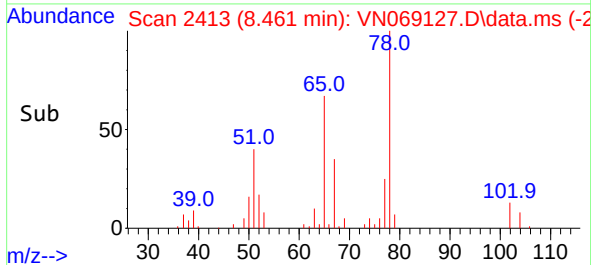
10/25/2021

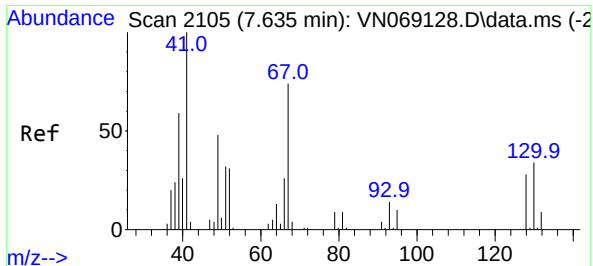


#34
Benzene
Concen: 4.146 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12



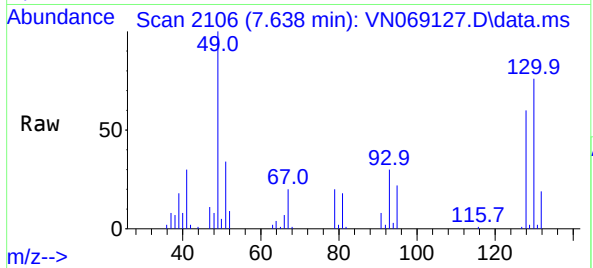
Tgt Ion: 78 Resp: 71365
Ion Ratio Lower Upper
78 100
77 24.8 19.1 28.7
51 37.3 16.0 24.0#





#35
Methacrylonitrile
Concen: 4.217 ug/l
RT: 7.638 min Scan# 2105
Delta R.T. 0.003 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



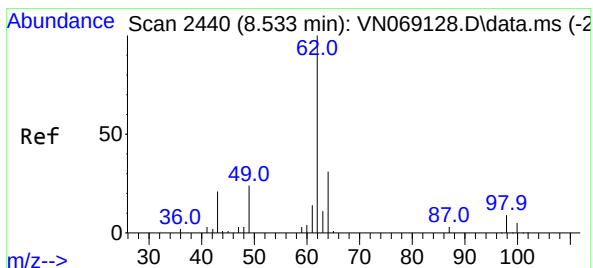
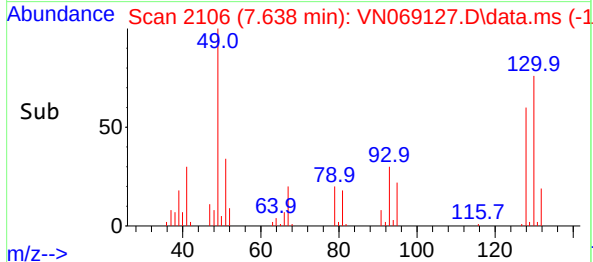
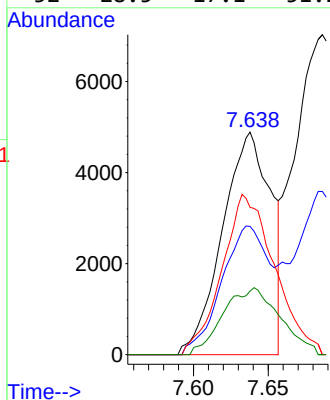
Tgt Ion: 41 Resp: 1094
Ion Ratio Lower Upper
41 100
39 57.6 28.0 83.9
67 66.2 37.7 113.1
52 28.5 17.1 51.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

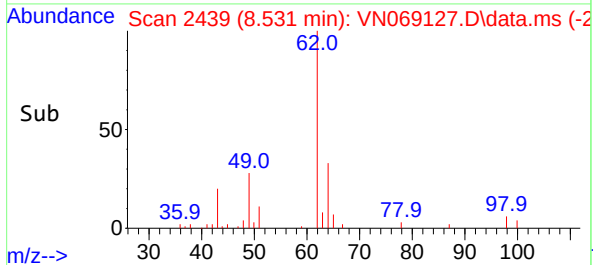
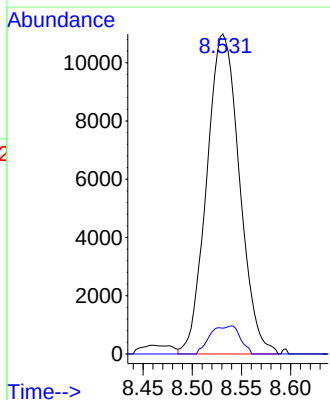
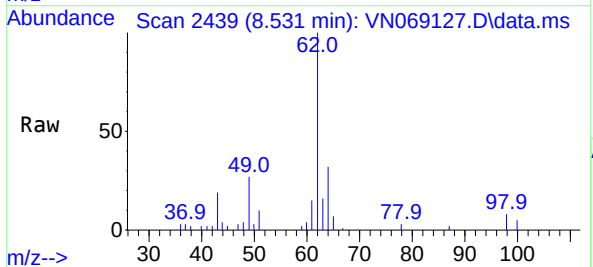
10/25/2021 10/25/2021 11:58:24 AM
Supervised By :Mahesh
Dadoda

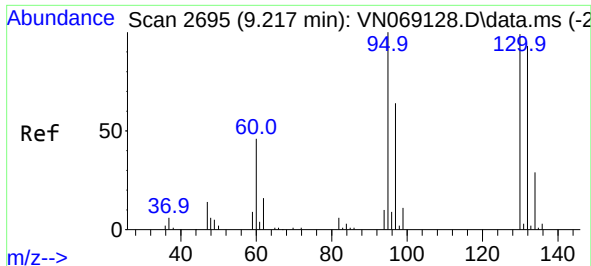
10/25/2021



#36
1,2-Dichloroethane
Concen: 4.008 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.002 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

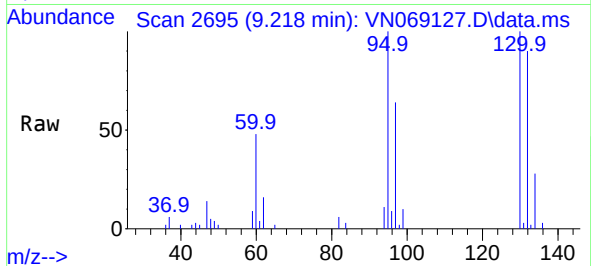
Tgt Ion: 62 Resp: 25484
Ion Ratio Lower Upper
62 100
98 3.8 6.6 10.0#





#37
Trichloroethene
Concen: 4.042 ug/l
RT: 9.218 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



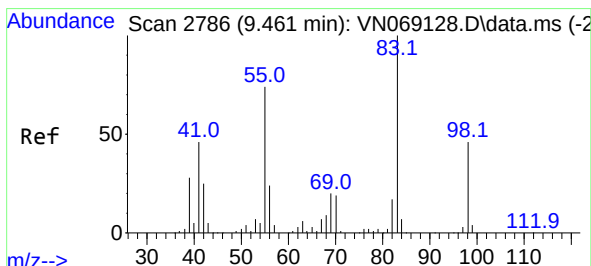
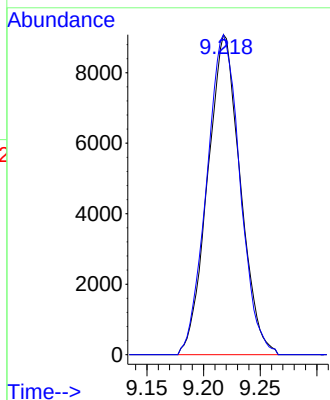
Tgt Ion:130 Resp: 1818
Ion Ratio Lower Upper
130 100
95 100.0 76.6 115.0

Manual Integrations
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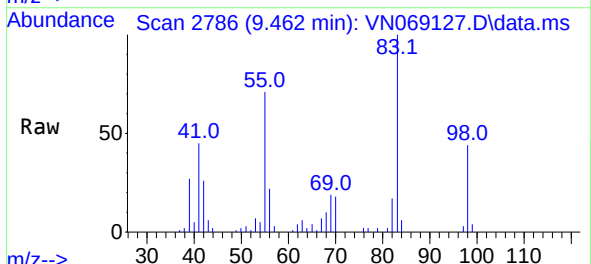
Reviewed By :John
Carlone

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Supervised By :Mahesh
Dadoda

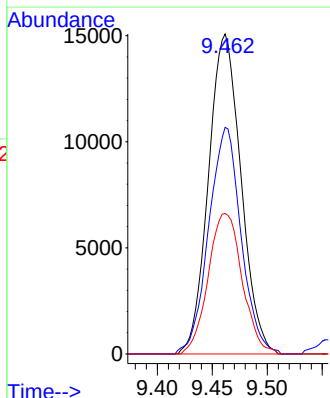
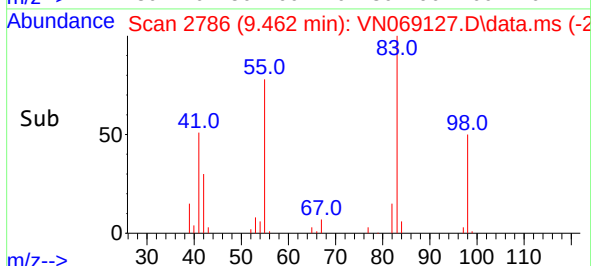
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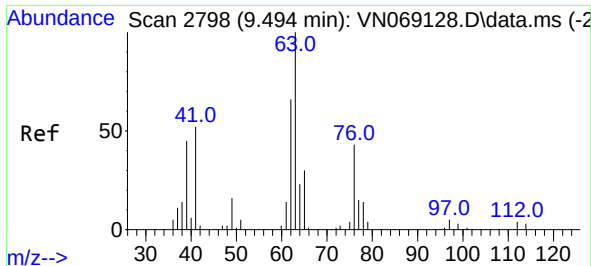


#38
Methylcyclohexane
Concen: 4.302 ug/l
RT: 9.462 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12



Tgt Ion: 83 Resp: 31052
Ion Ratio Lower Upper
83 100
55 70.5 35.1 105.3
98 45.9 23.4 70.2





#39

1,2-Dichloropropane

Concen: 4.130 ug/l

RT: 9.494 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN069127.D

Acq: 22 Oct 2021 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 17720

Ion Ratio Lower Upper

63 100

65 33.9 24.2 36.4

Manual Integrations

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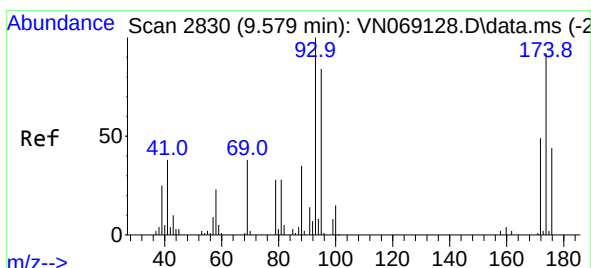
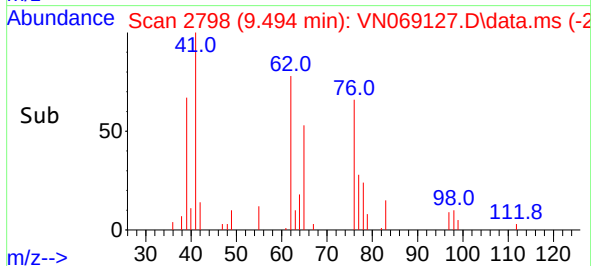
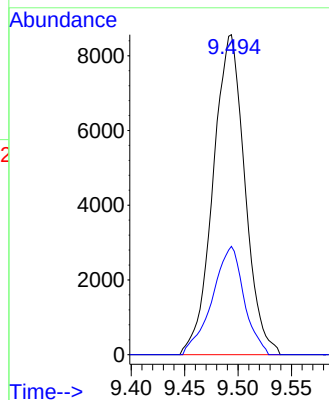
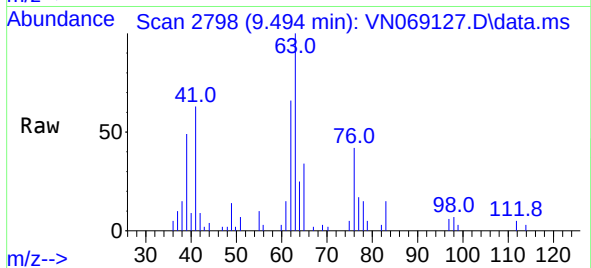
Reviewed By :John
Carlone

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10/25/2021 11:58:24 AM

Supervised By :Mahesh
Dadoda

10/25/2021



#40

Dibromomethane

Concen: 3.774 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.002 min

Lab File: VN069127.D

Acq: 22 Oct 2021 11:12

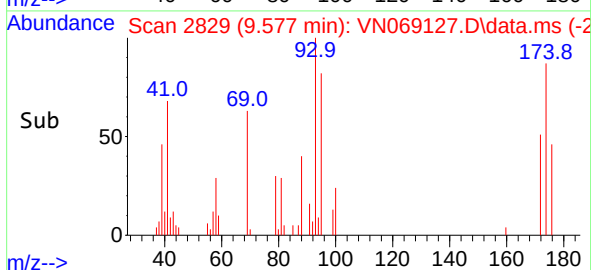
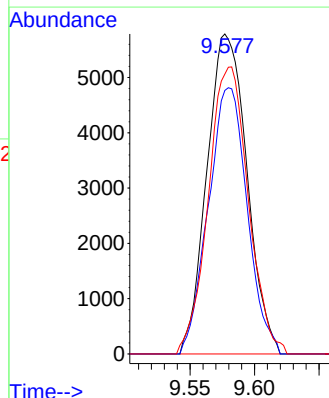
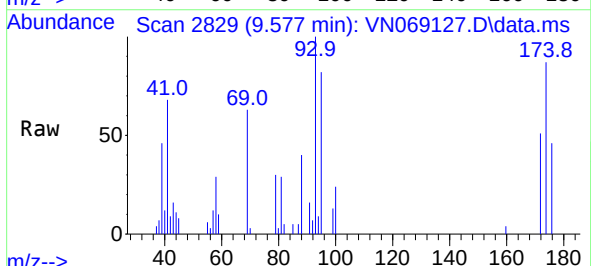
Tgt Ion: 93 Resp: 12483

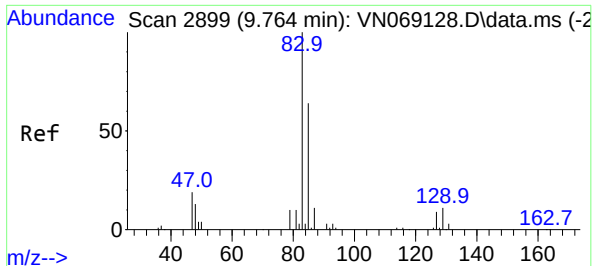
Ion Ratio Lower Upper

93 100

95 81.0 0.0 168.8

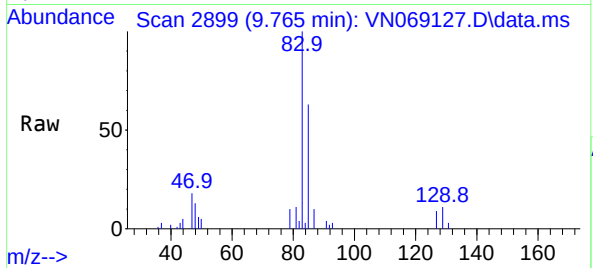
174 89.6 0.0 173.6





#41
Bromodichloromethane
Concen: 3.579 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



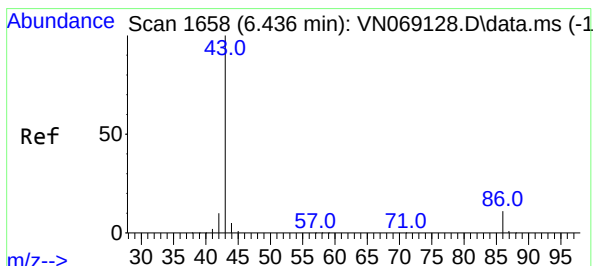
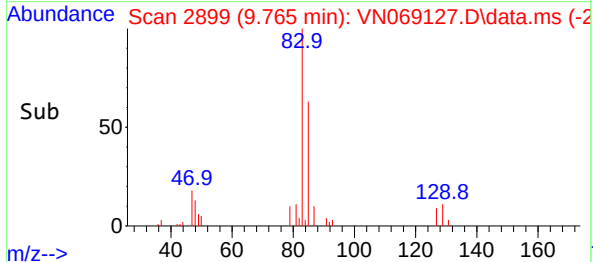
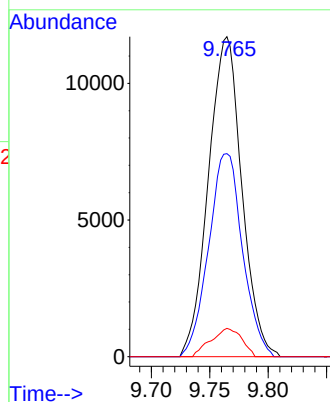
Tgt Ion: 83 Resp: 23270
Ion Ratio Lower Upper
83 100
85 63.4 54.1 81.1
127 8.9 7.6 11.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

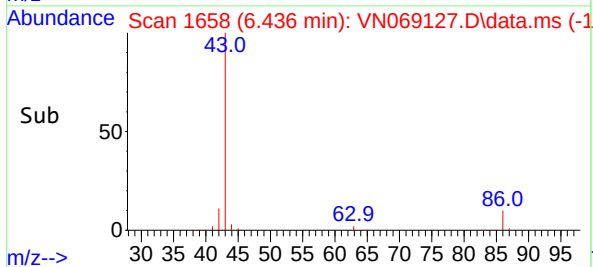
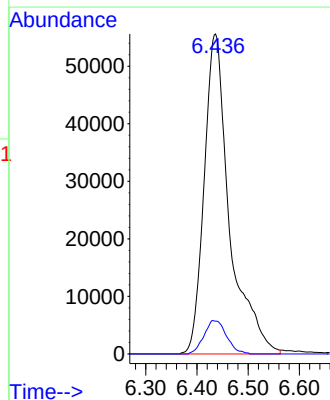
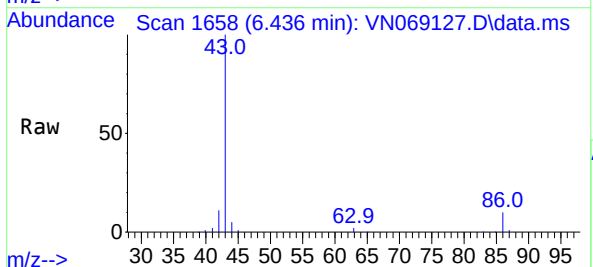
10/25/2021 10/25/2021 11:58:24 AM
Supervised By :Mahesh
Dadoda

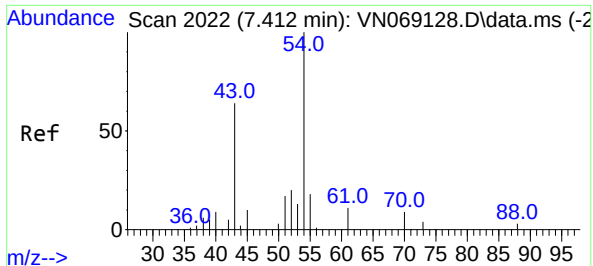
10/25/2021



#42
Vinyl Acetate
Concen: 19.787 ug/l
RT: 6.436 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Tgt Ion: 43 Resp: 191630
Ion Ratio Lower Upper
43 100
86 4.9 7.5 11.3#





#43

Ethyl Acetate

Concen: 3.533 ug/l

RT: 7.413 min Scan# 2022

Delta R.T. 0.000 min

Lab File: VN069127.D

Acq: 22 Oct 2021 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 18830

Ion Ratio Lower Upper

43 100

45 7.2 10.6 16.0

Manual Integrations

APPROVED

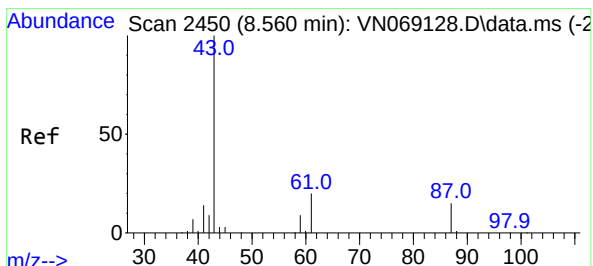
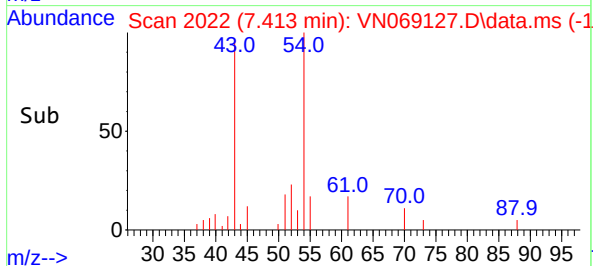
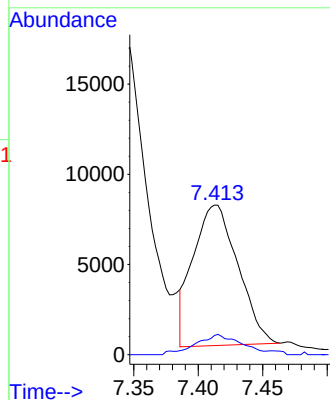
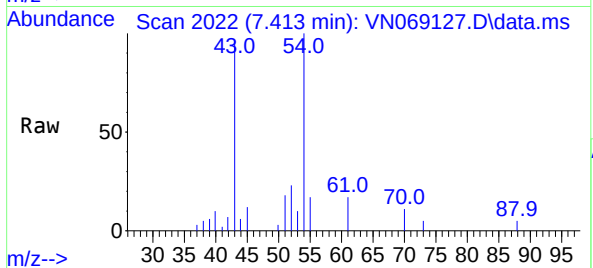
Reviewed By :John
Carlone

10/25/2021

10/25/2021 11:58:24 AM

Supervised By :Mahesh
Dadoda

10/25/2021



#44

Isopropyl Acetate

Concen: 4.432 ug/l

RT: 8.560 min Scan# 2450

Delta R.T. 0.000 min

Lab File: VN069127.D

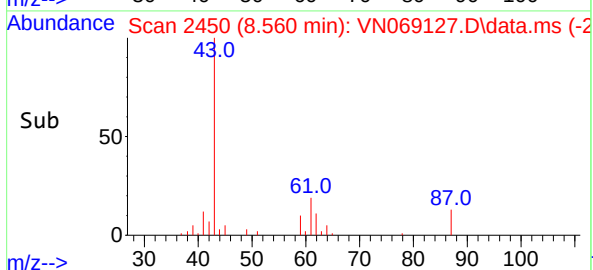
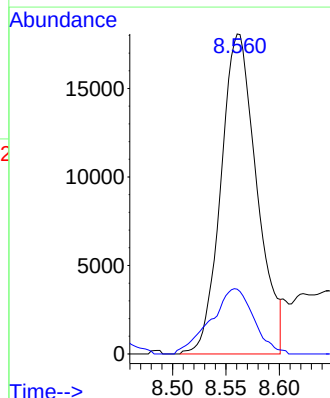
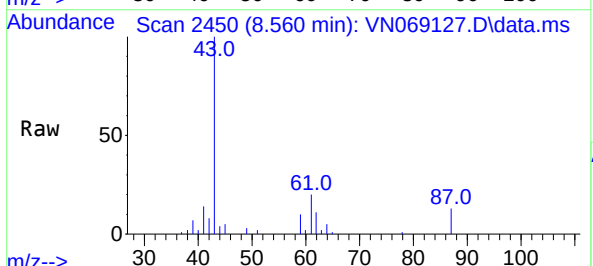
Acq: 22 Oct 2021 11:12

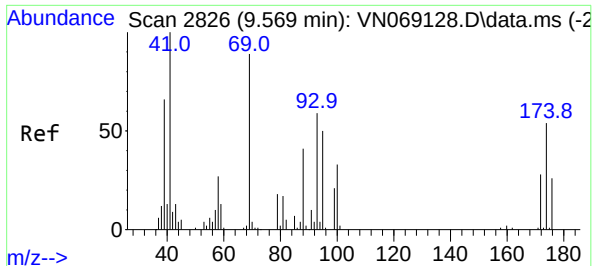
Tgt Ion: 43 Resp: 42344

Ion Ratio Lower Upper

43 100

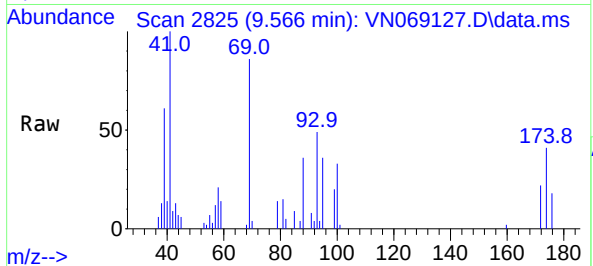
61 24.3 20.1 30.1





#45
1,4-Dioxane
Concen: 80.892 ug/l
RT: 9.566 min Scan# 2825
Delta R.T. -0.002 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



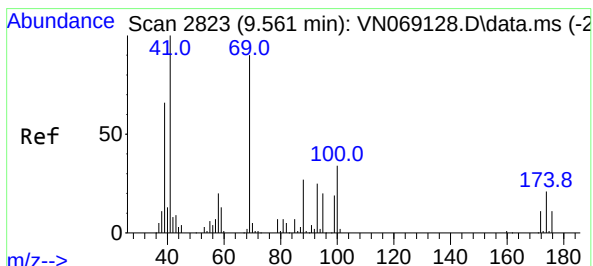
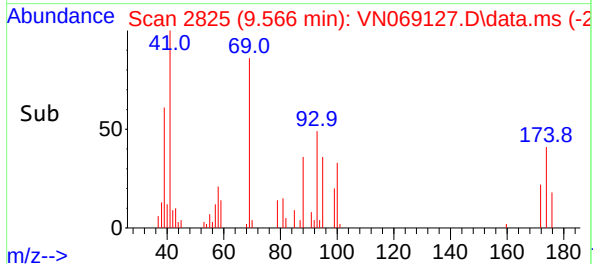
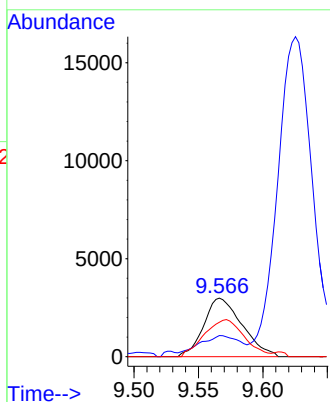
Tgt Ion: 88 Resp: 6172
Ion Ratio Lower Upper
88 100
43 28.5 25.0 37.6
58 66.3 49.4 74.2

Manual Integrations
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Reviewed By :John
Carlone

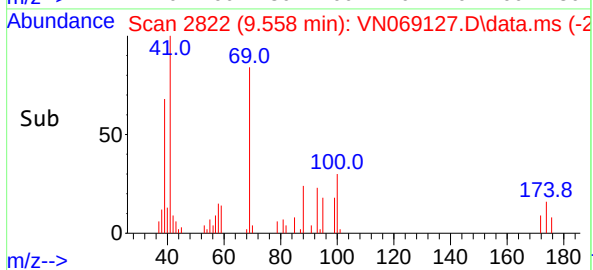
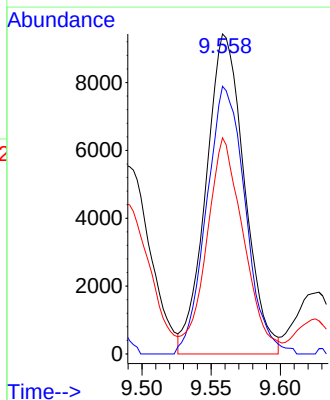
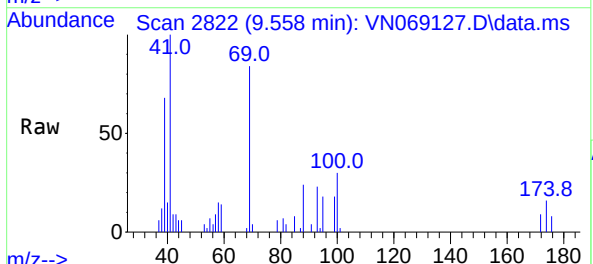
10/25/2021 10/25/2021 11:58:24 AM
Supervised By :Mahesh
Dadoda

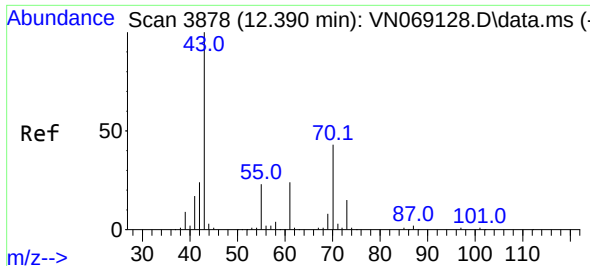
10/25/2021



#46
Methyl methacrylate
Concen: 4.317 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.002 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Tgt Ion: 41 Resp: 18184
Ion Ratio Lower Upper
41 100
69 85.9 44.4 133.2
39 67.1 39.9 119.6





#47
n-amyl acetate
Concen: 3.782 ug/l
RT: 12.390 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

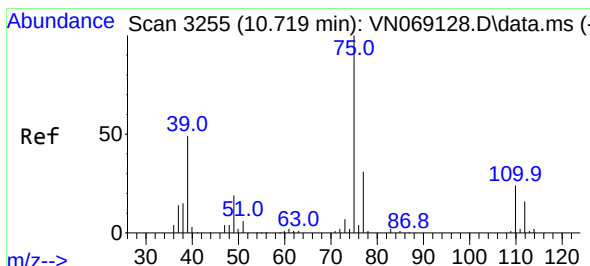
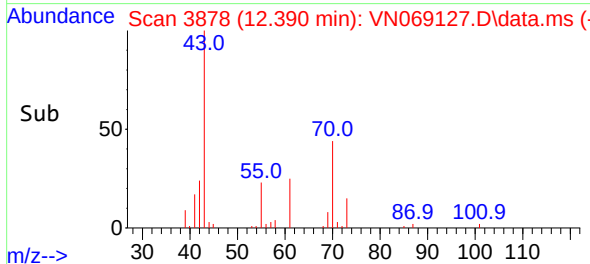
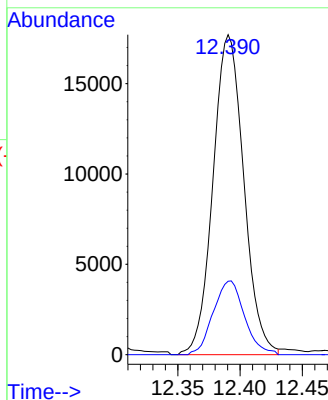
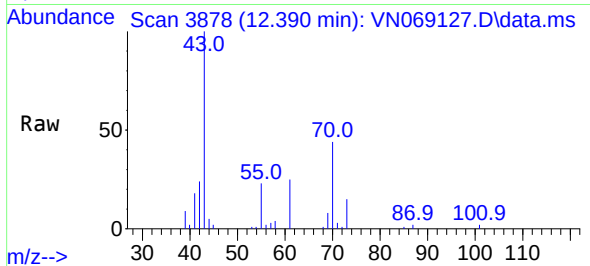
Tgt Ion: 43 Resp: 3046
Ion Ratio Lower Upper
43 100
55 23.4 19.0 28.6

Manual Integrations
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Reviewed By :John
Carlone

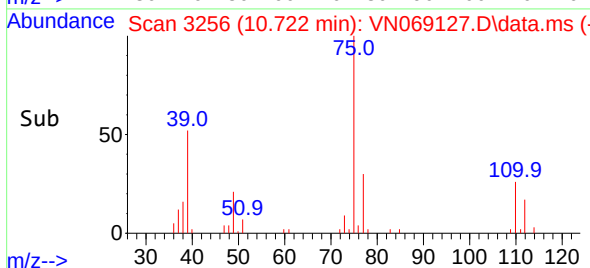
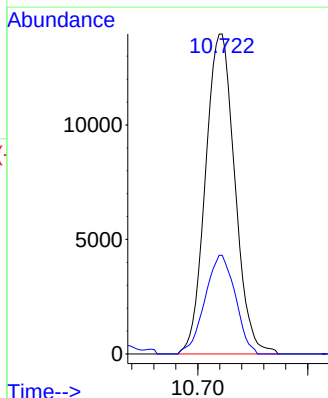
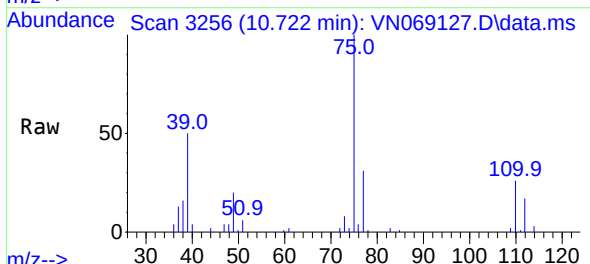
10/25/2021 10/25/2021 11:58:24 AM
Supervised By :Mahesh
Dadoda

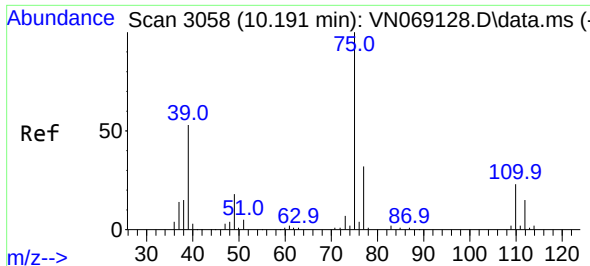
10/25/2021



#48
t-1,3-Dichloropropene
Concen: 3.616 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

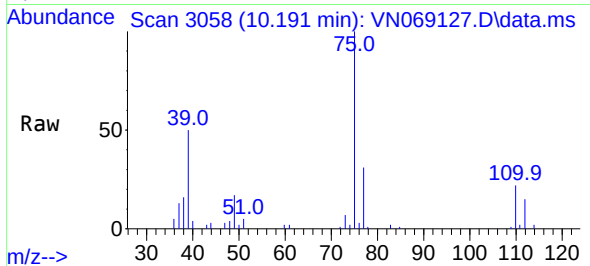
Tgt Ion: 75 Resp: 25898
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 3.848 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 2818

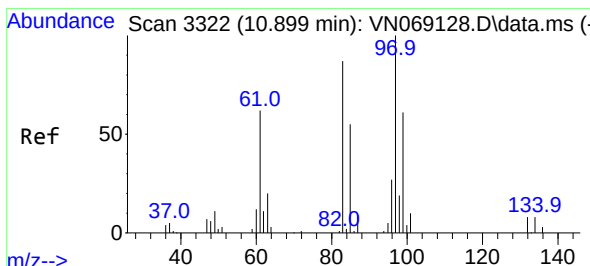
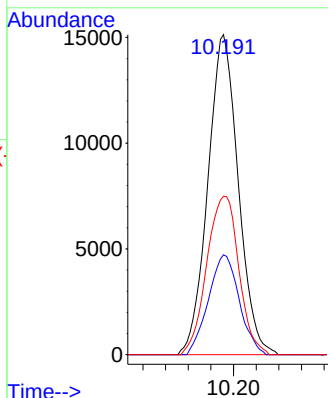
Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.3	37.9
39	49.5	46.2	69.4

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Supervised By :Mahesh
Dadoda

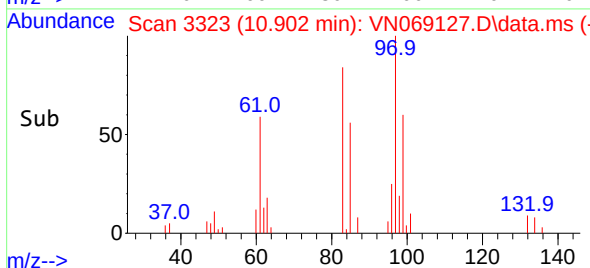
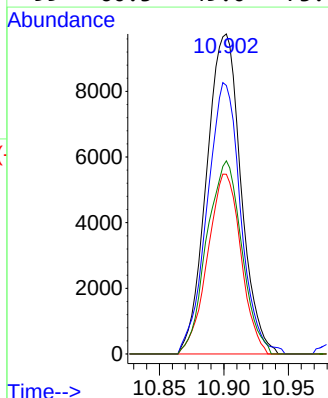
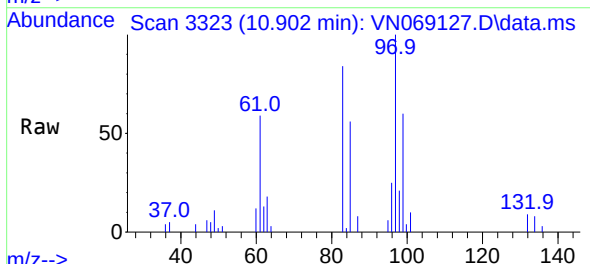
10/25/2021

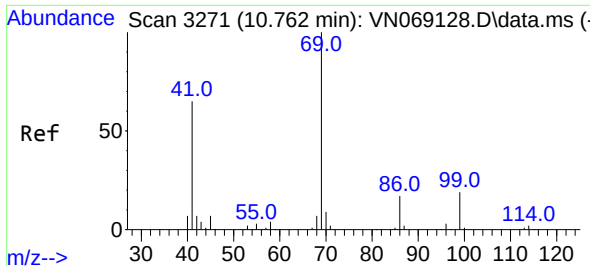


#50
1,1,2-Trichloroethane
Concen: 3.925 ug/l
RT: 10.902 min Scan# 3323
Delta R.T. 0.003 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Tgt Ion: 97 Resp: 18076

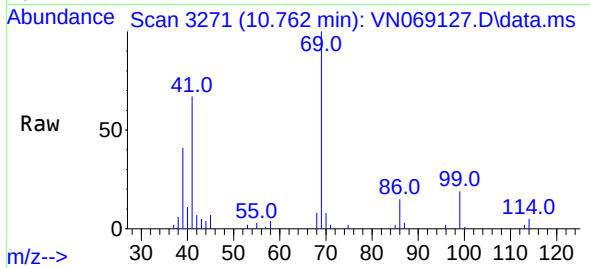
Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.2	100.8
85	56.1	43.0	64.4
99	60.3	49.0	73.4





#51
Ethyl methacrylate
Concen: 3.830 ug/l
RT: 10.762 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



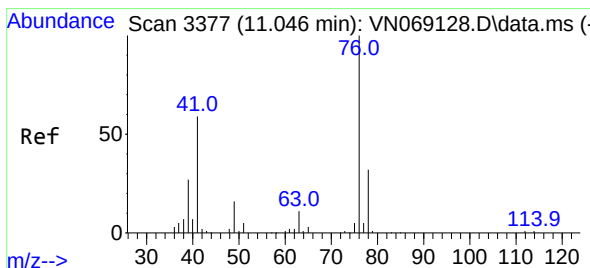
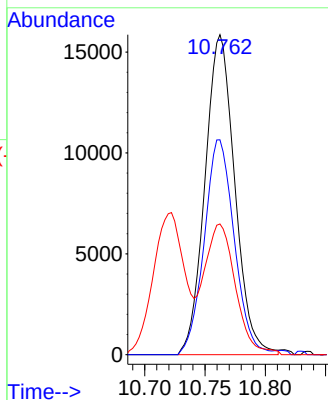
Tgt Ion: 69 Resp: 2724
Ion Ratio Lower Upper
69 100
41 67.1 33.0 98.9
39 39.8 25.4 76.4

Manual Integrations
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Reviewed By :John
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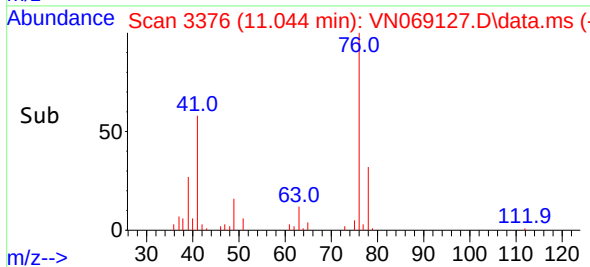
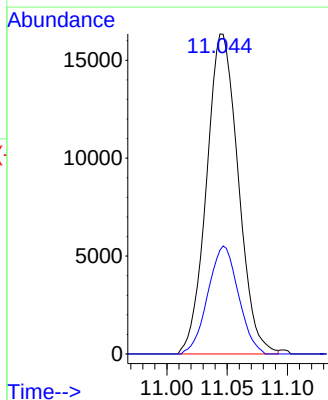
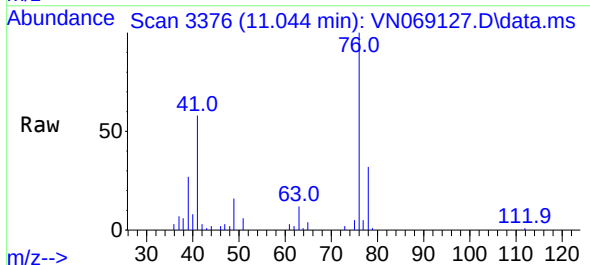
10/25/2021 10/25/2021 11:58:24 AM
Supervised By :Mahesh
Dadoda

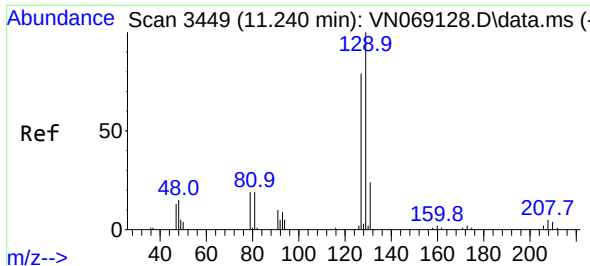
10/25/2021



#52
1,3-Dichloropropane
Concen: 3.969 ug/l
RT: 11.044 min Scan# 3376
Delta R.T. -0.002 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Tgt Ion: 76 Resp: 29885
Ion Ratio Lower Upper
76 100
78 32.4 0.0 65.4





#53
Dibromochloromethane
Concen: 3.274 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

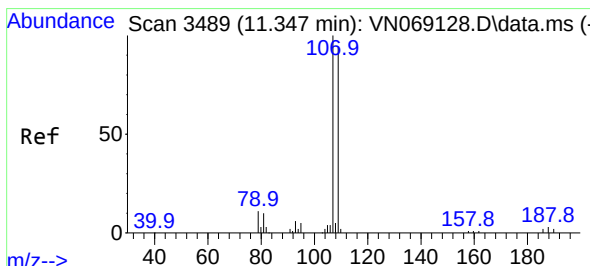
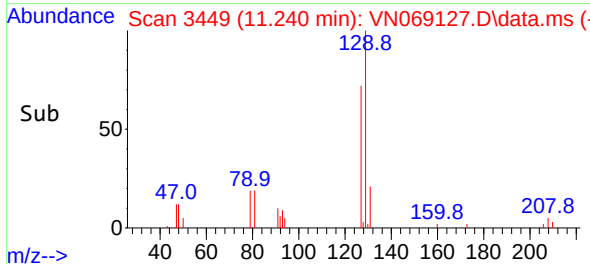
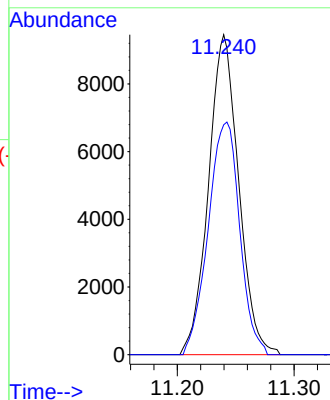
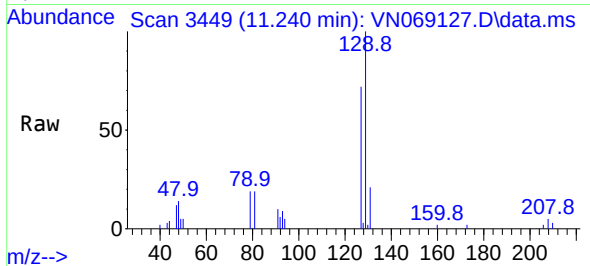
Tgt Ion:129 Resp: 1699
Ion Ratio Lower Upper
129 100
127 75.8 39.0 117.0

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Reviewed By :John
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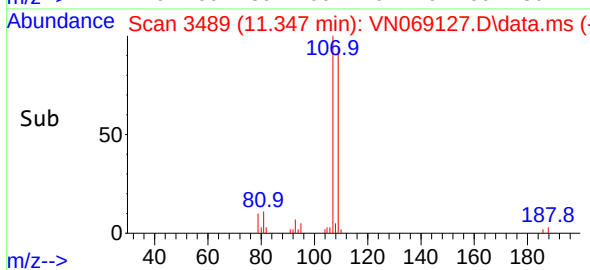
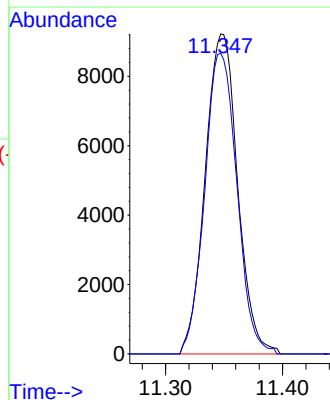
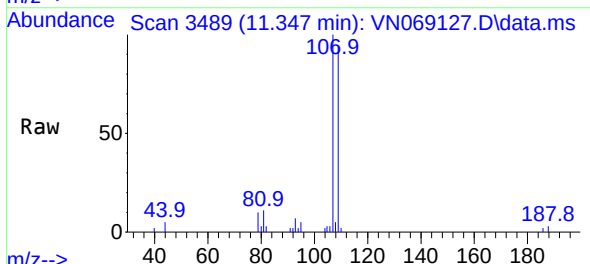
10/25/2021 10/25/2021 11:58:24 AM
Supervised By :Mahesh
Dadoda

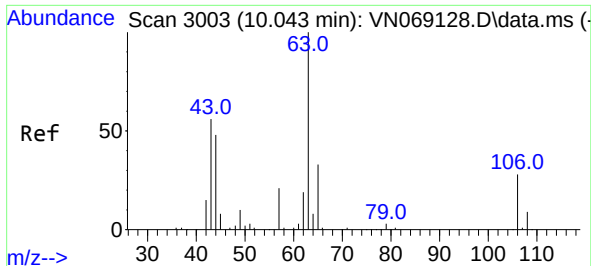
10/25/2021



#54
1,2-Dibromoethane
Concen: 3.697 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Tgt Ion:107 Resp: 17807
Ion Ratio Lower Upper
107 100
109 93.0 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 23.855 ug/l
RT: 10.044 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 63 Resp: 48329

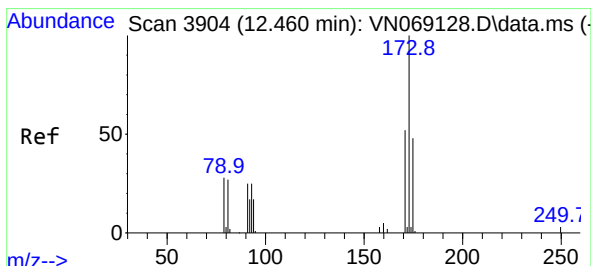
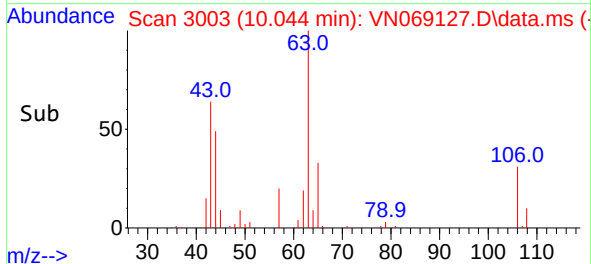
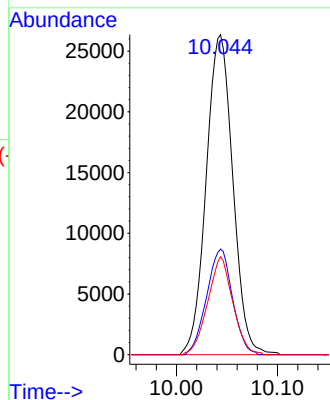
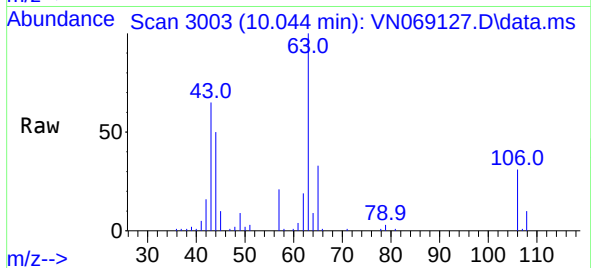
Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.4	38.0
106	28.7	23.2	34.8

Manual Integrations
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Reviewed By :John
Carlone

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Supervised By :Mahesh
Dadoda

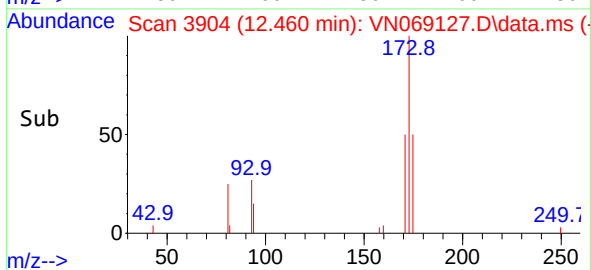
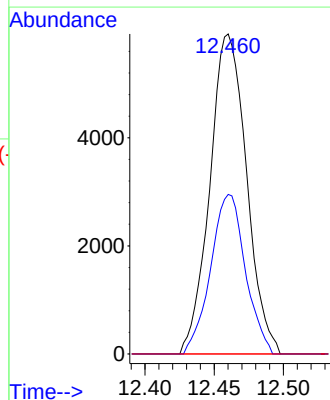
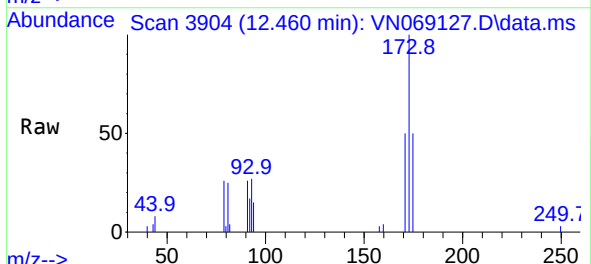
10/25/2021

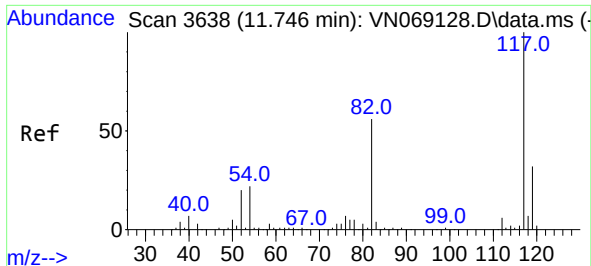


#56
Bromoform
Concen: 2.917 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Tgt Ion:173 Resp: 10925

Ion	Ratio	Lower	Upper
173	100		
175	47.2	38.6	58.0
254	0.0	0.0	0.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

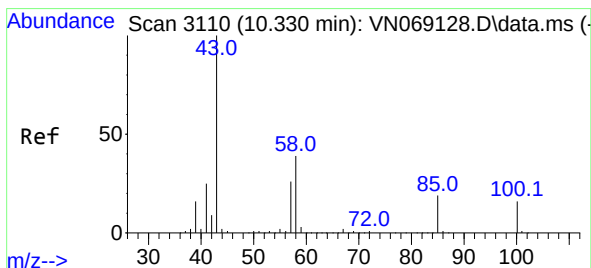
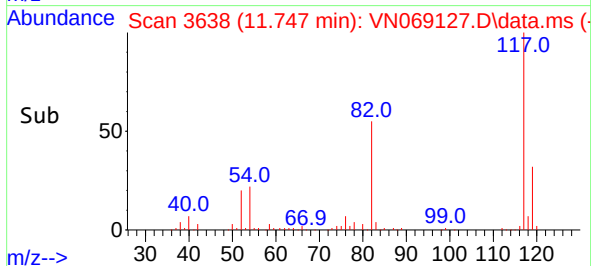
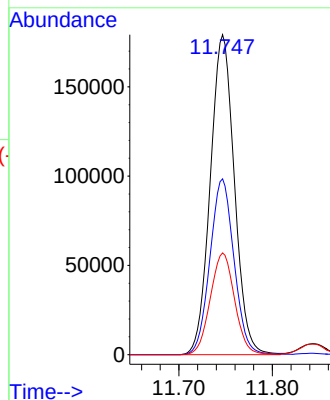
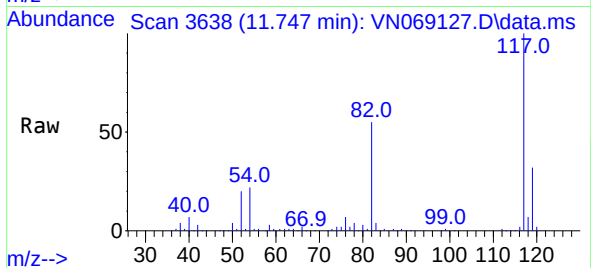
Tgt Ion:117 Resp: 321562
Ion Ratio Lower Upper
117 100
82 54.9 43.6 65.4
119 32.1 25.8 38.6

Manual Integrations
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Reviewed By :John
Carlone

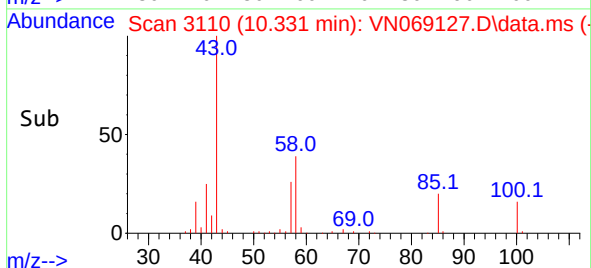
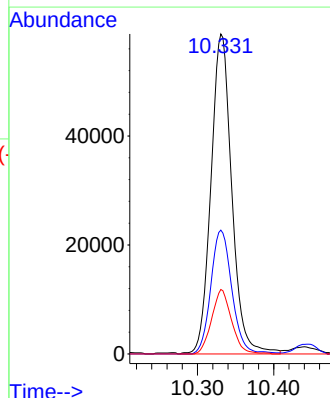
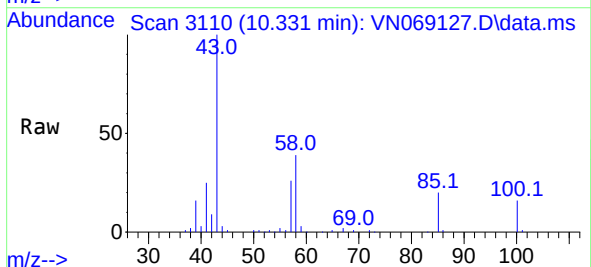
10/25/2021 10/25/2021 11:58:24 AM
Supervised By :Mahesh
Dadoda

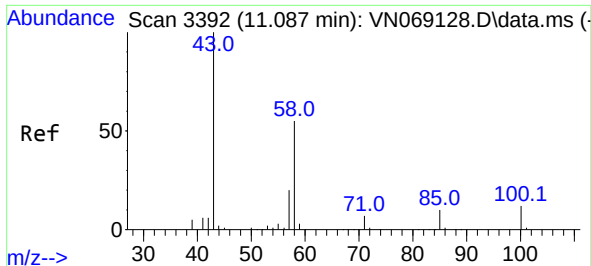
10/25/2021



#58
4-Methyl-2-Pentanone
Concen: 20.214 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

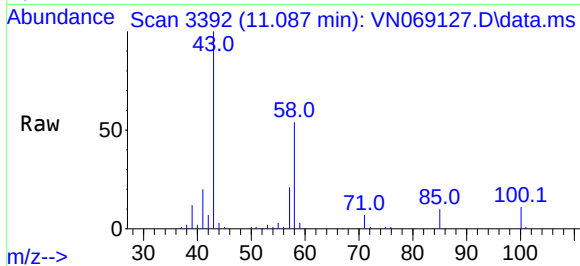
Tgt Ion: 43 Resp: 111476
Ion Ratio Lower Upper
43 100
58 38.7 30.0 45.0
85 19.1 15.0 22.6





#59
2-Hexanone
Concen: 20.359 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



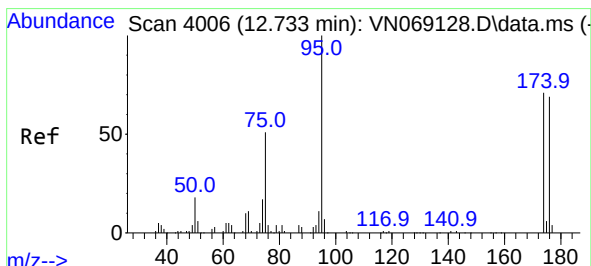
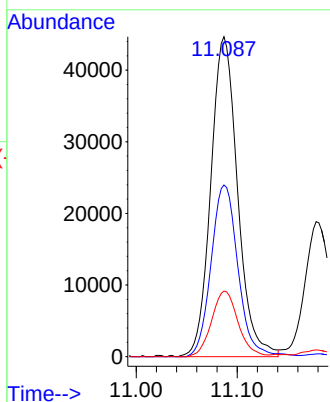
Tgt Ion: 43 Resp: 8225
Ion Ratio Lower Upper
43 100
58 54.0 42.2 63.2
57 20.3 15.0 22.4

Manual Integrations
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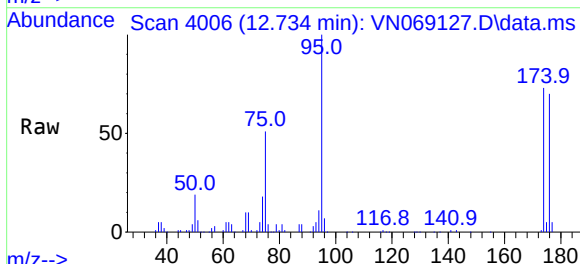
Reviewed By :John
Carlone

10/25/2021 10/25/2021 11:58:24 AM
Supervised By :Mahesh
Dadoda

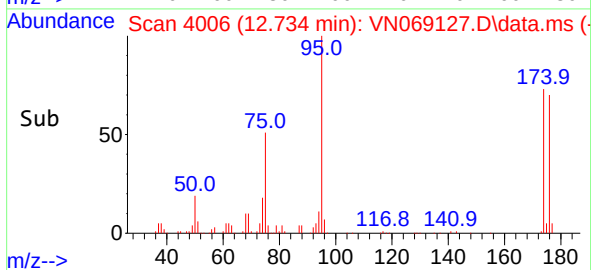
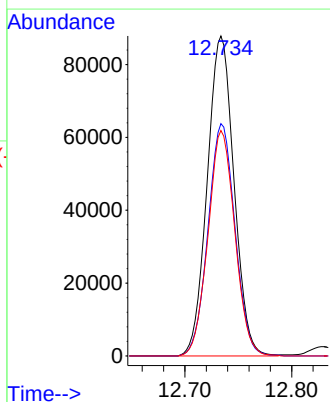
10/25/2021

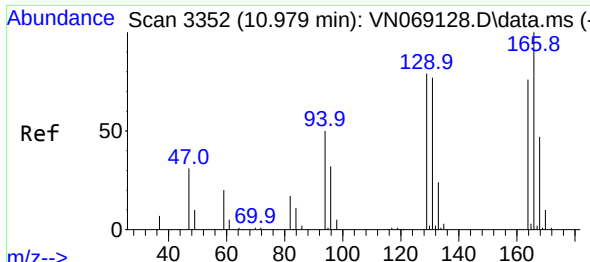


#60
4-Bromofluorobenzene
Concen: 29.646 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12



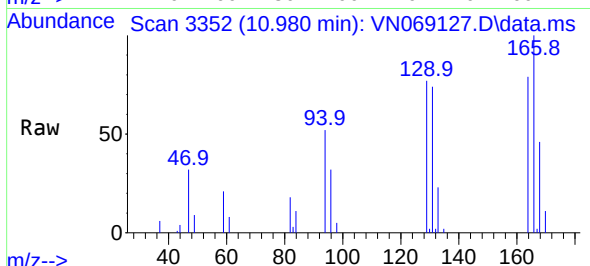
Tgt Ion: 95 Resp: 152909
Ion Ratio Lower Upper
95 100
174 73.2 62.9 94.3
176 70.5 61.0 91.4





#61
Tetrachloroethene
Concen: 4.093 ug/l
RT: 10.980 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



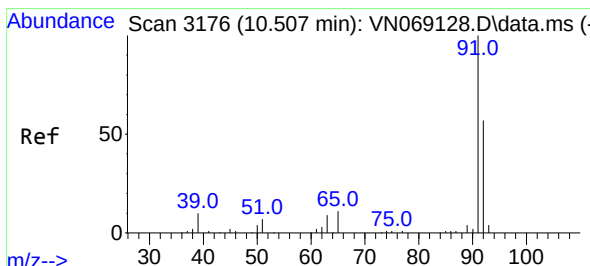
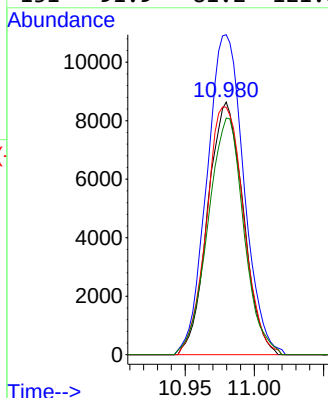
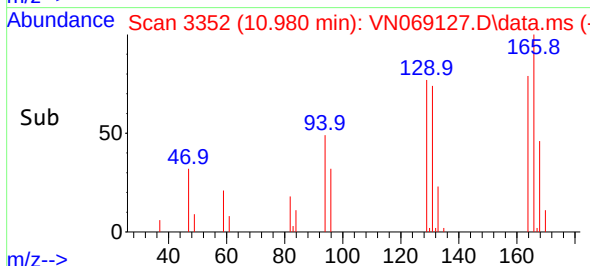
Tgt Ion:164 Resp: 1538
Ion Ratio Lower Upper
164 100
166 124.9 105.8 158.8
129 98.0 82.5 123.7
131 91.9 81.2 121.8

Manual Integrations
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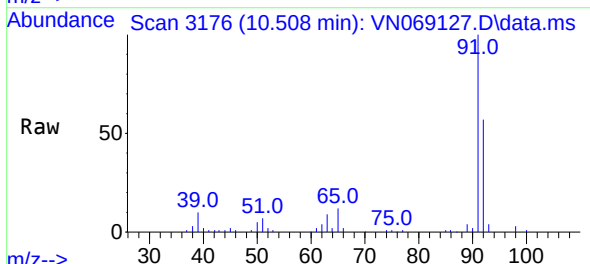
Reviewed By :John
Carlone

10/25/2021 10/25/2021 11:58:24 AM
Supervised By :Mahesh
Dadoda

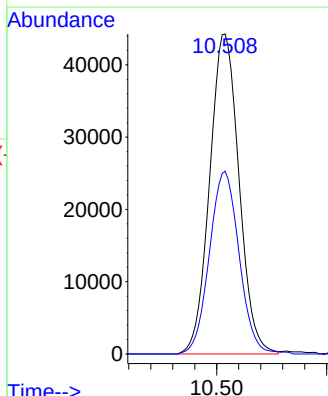
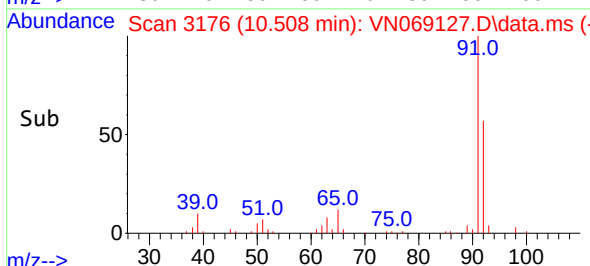
10/25/2021

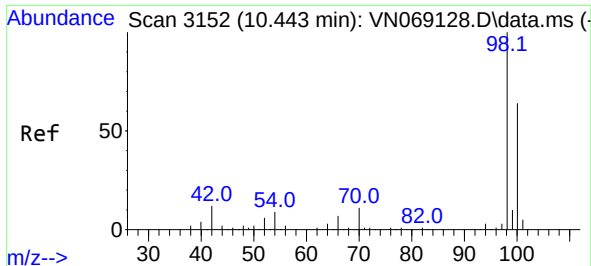


#62
Toluene
Concen: 4.235 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12



Tgt Ion: 91 Resp: 82144
Ion Ratio Lower Upper
91 100
92 57.7 44.6 67.0





#63
Toluene-d8
Concen: 30.427 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

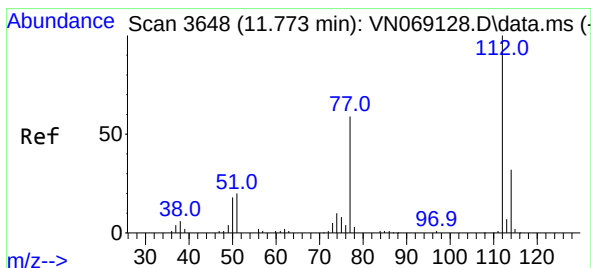
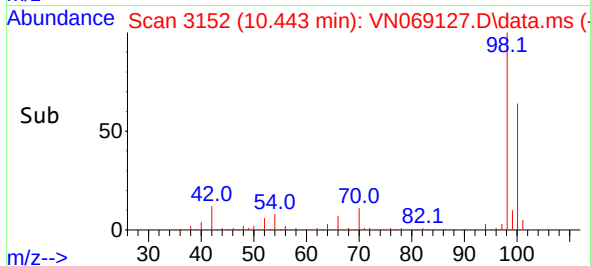
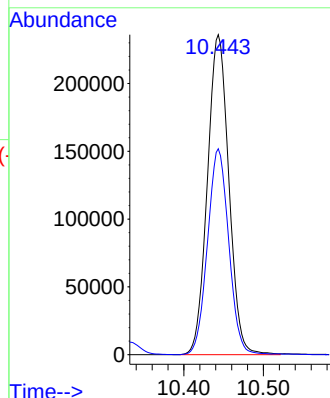
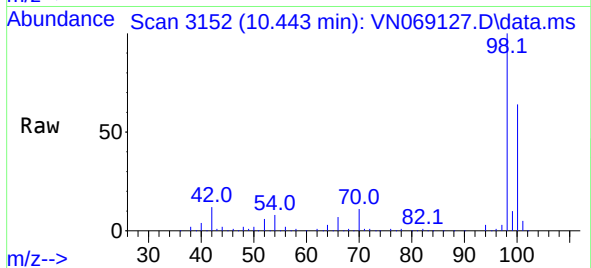
Tgt Ion: 98 Resp: 442210
Ion Ratio Lower Upper
98 100
100 63.7 50.6 76.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

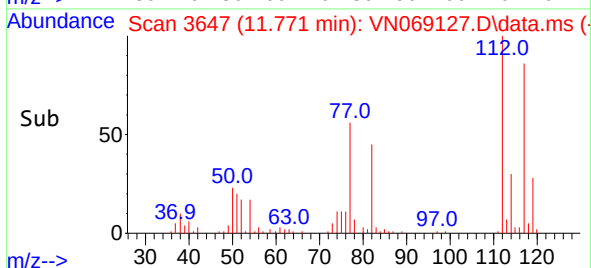
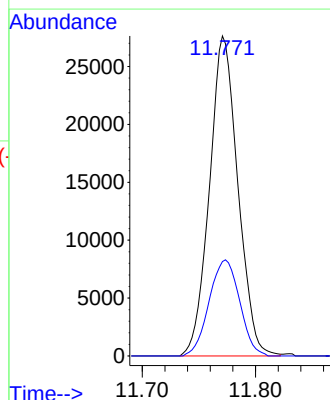
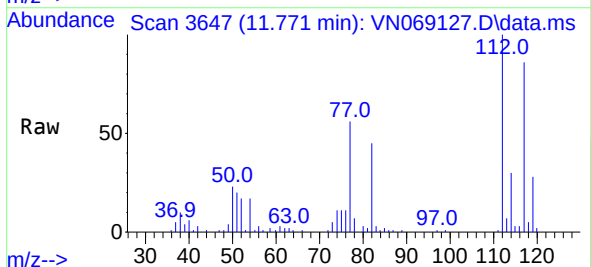
10/25/2021 10/25/2021 11:58:24 AM
Supervised By :Mahesh
Dadoda

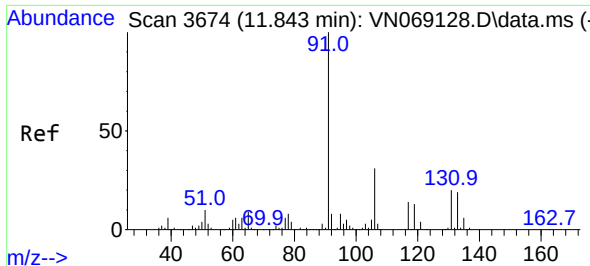
10/25/2021



#64
Chlorobenzene
Concen: 4.051 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.002 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

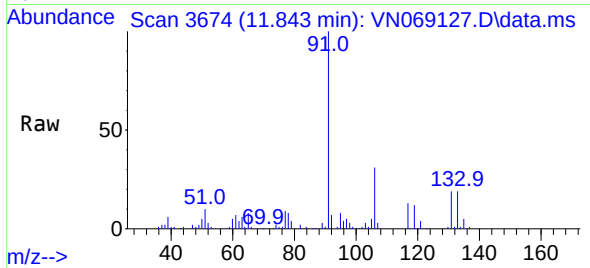
Tgt Ion:112 Resp: 48139
Ion Ratio Lower Upper
112 100
114 29.5 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 3.805 ug/l
RT: 11.843 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



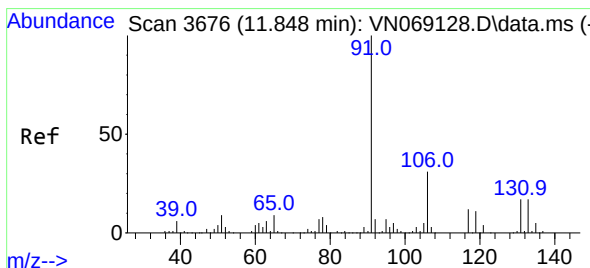
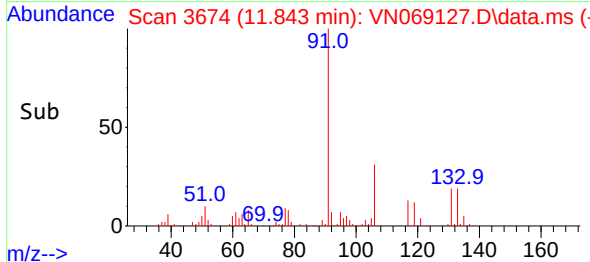
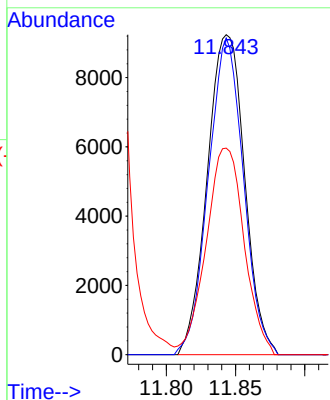
Tgt Ion:131 Resp: 1736
Ion Ratio Lower Upper
131 100
133 92.8 0.0 191.2
119 65.7 0.0 128.8

Manual Integrations
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Reviewed By :John
Carlone

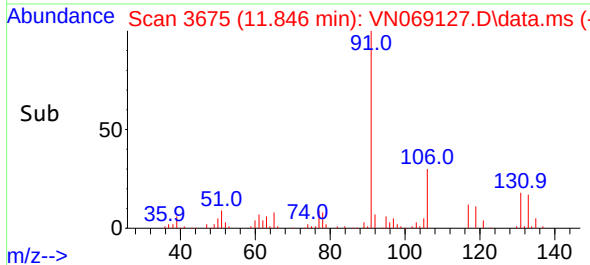
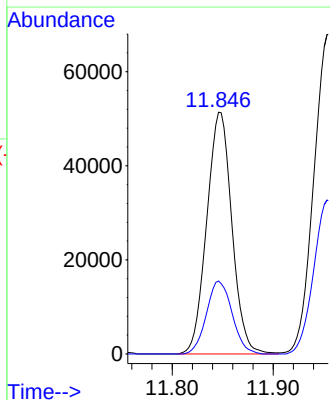
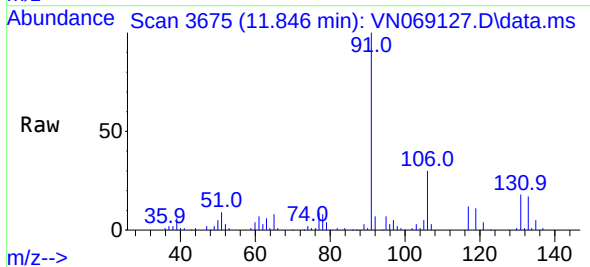
10/25/2021 10/25/2021 11:58:24 AM
Supervised By :Mahesh
Dadoda

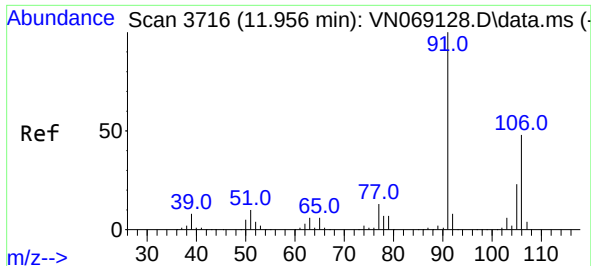
10/25/2021



#66
Ethyl Benzene
Concen: 4.061 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.002 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Tgt Ion: 91 Resp: 88944
Ion Ratio Lower Upper
91 100
106 30.1 24.0 36.0





#67
m/p-Xylenes
Concen: 7.774 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.002 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

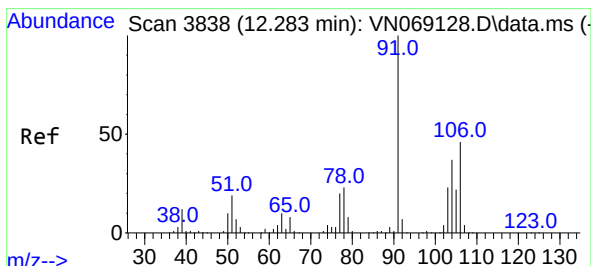
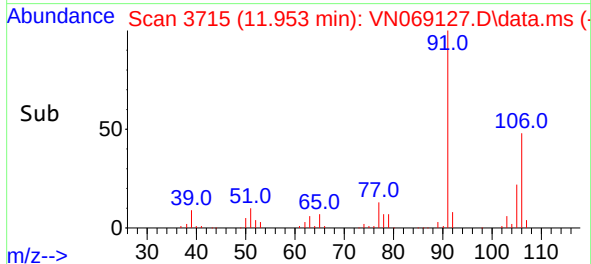
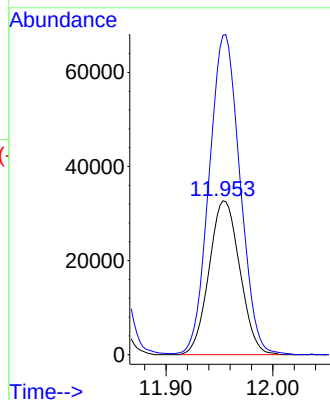
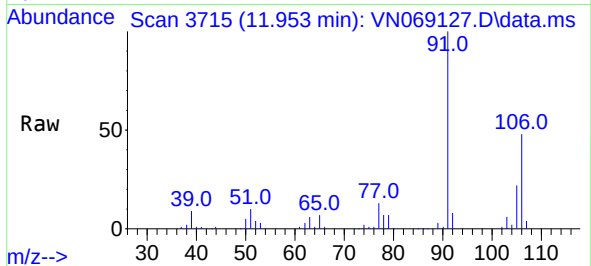
Tgt Ion:106 Resp: 6559
Ion Ratio Lower Upper
106 100
91 208.7 162.9 244.3

Manual Integrations
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Reviewed By :John
Carlone

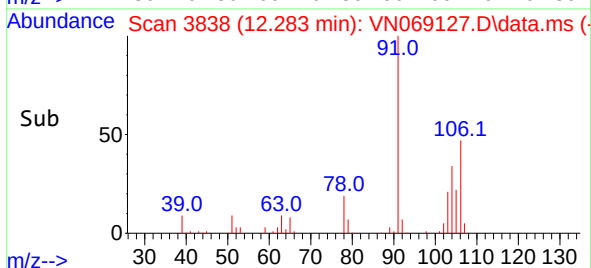
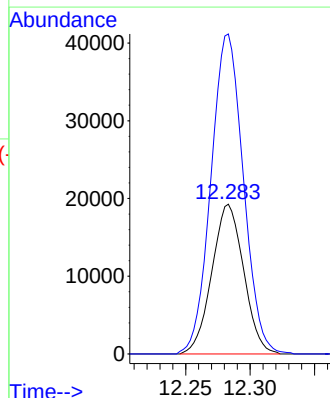
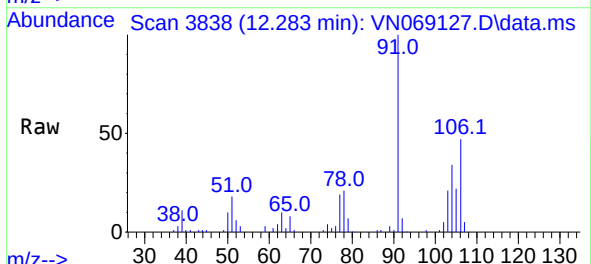
10/25/2021 10/25/2021 11:58:24 AM
Supervised By :Mahesh
Dadoda

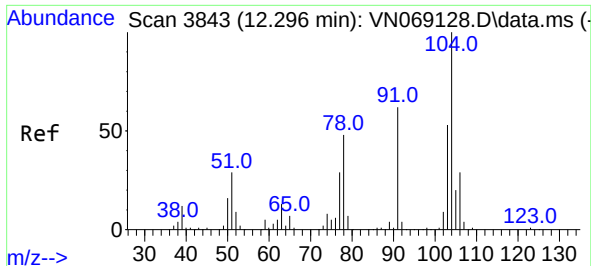
10/25/2021



#68
o-Xylene
Concen: 3.980 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Tgt Ion:106 Resp: 33113
Ion Ratio Lower Upper
106 100
91 217.4 107.7 323.1





#69
Styrene
Concen: 3.696 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

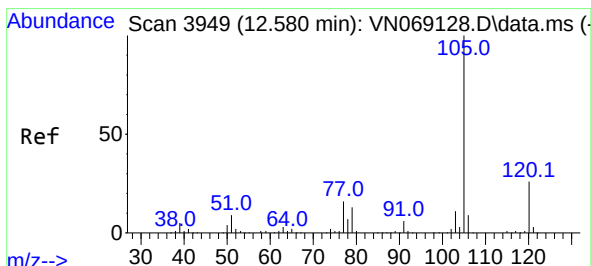
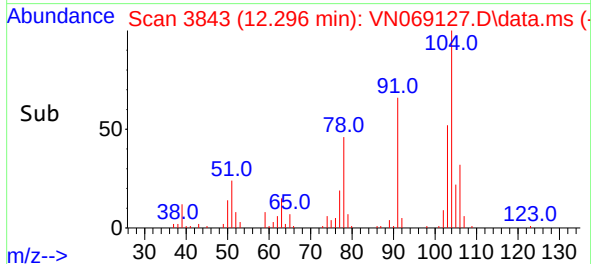
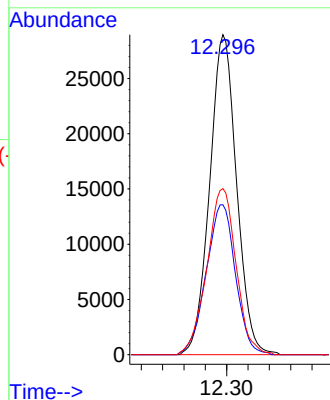
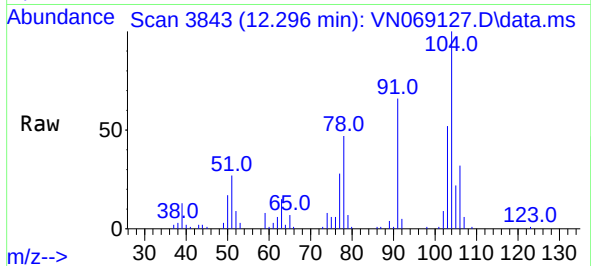
Tgt Ion:104 Resp: 5075
Ion Ratio Lower Upper
104 100
78 51.0 40.7 61.1
103 56.2 45.8 68.8

Manual Integrations
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Reviewed By :John
Carlone

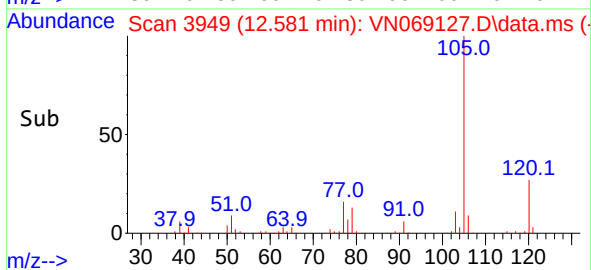
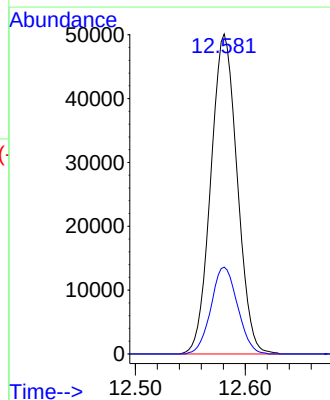
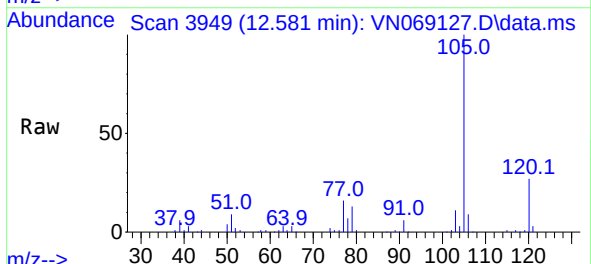
10/25/2021 10/25/2021 11:58:24 AM
Supervised By :Mahesh
Dadoda

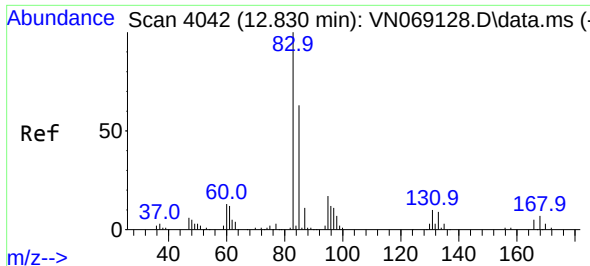
10/25/2021



#70
Isopropylbenzene
Concen: 3.799 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

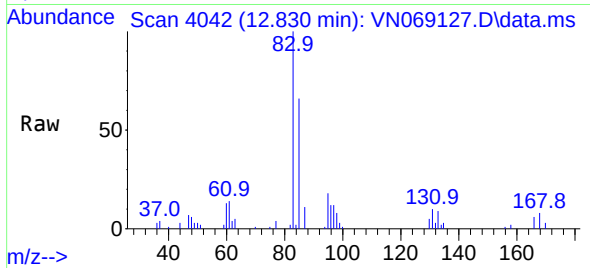
Tgt Ion:105 Resp: 83620
Ion Ratio Lower Upper
105 100
120 27.3 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 3.838 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



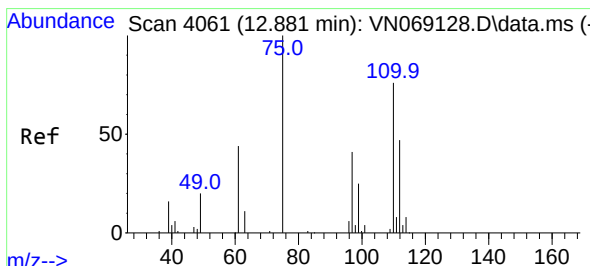
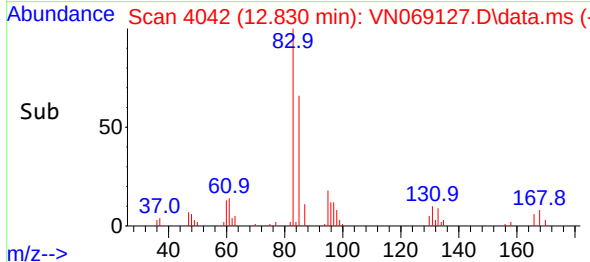
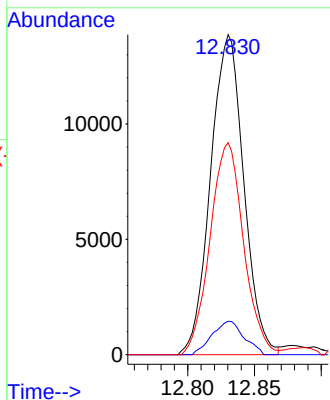
Tgt Ion: 83 Resp: 24010
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.3
85 66.7 33.1 99.2

Manual Integrations
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Reviewed By :John
Carlone

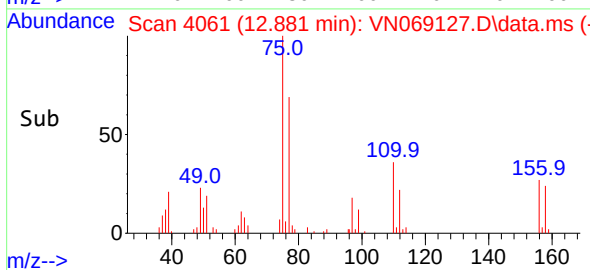
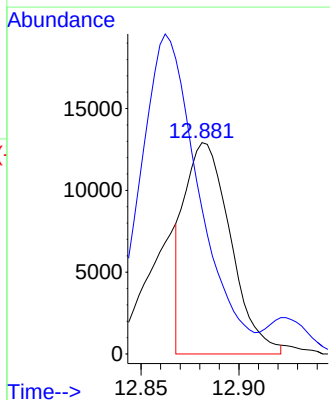
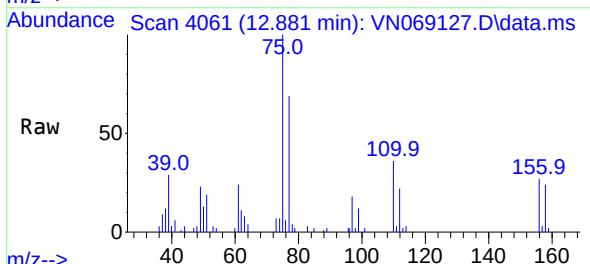
10/25/2021 10/25/2021 11:58:24 AM
Supervised By :Mahesh
Dadoda

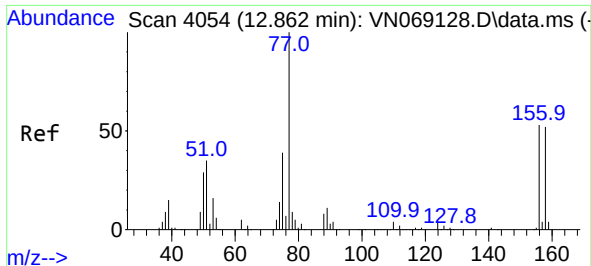
10/25/2021



#72
1,2,3-Trichloropropane
Concen: 4.084 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

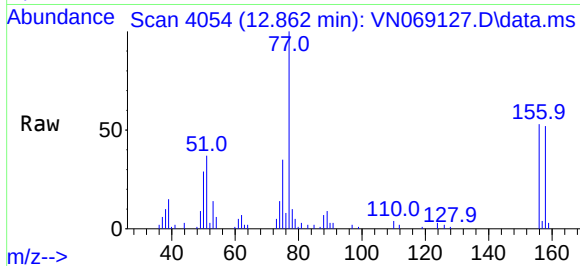
Tgt Ion: 75 Resp: 20990
Ion Ratio Lower Upper
75 100
77 194.2 0.0 378.0





#73
Bromobenzene
Concen: 3.726 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



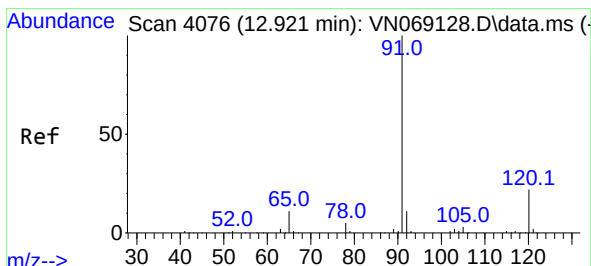
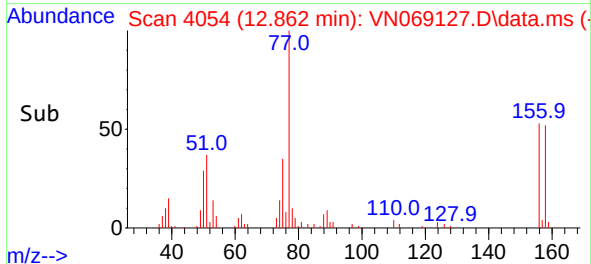
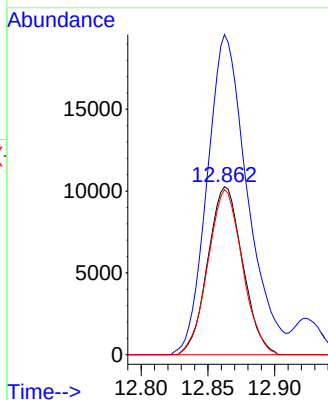
Tgt Ion:156 Resp: 18619
Ion Ratio Lower Upper
156 100
77 219.0 0.0 416.0
158 97.2 0.0 195.4

Manual Integrations
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Reviewed By :John
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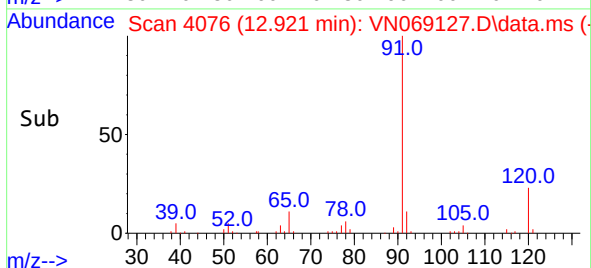
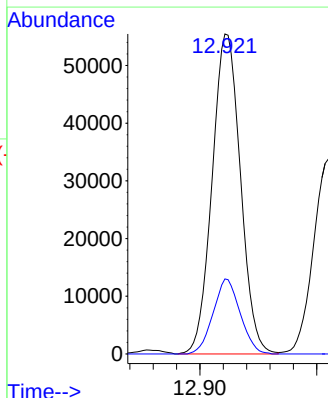
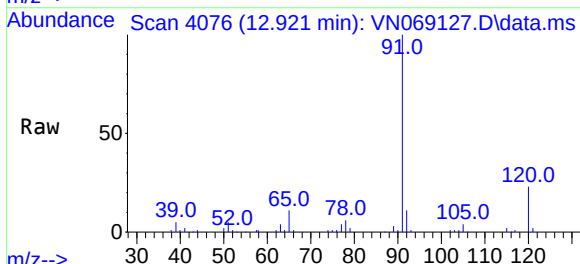
10/25/2021 10/25/2021 11:58:24 AM
Supervised By :Mahesh
Dadoda

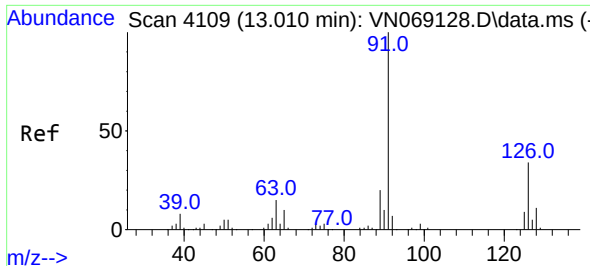
10/25/2021



#74
n-propylbenzene
Concen: 3.709 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Tgt Ion: 91 Resp: 93352
Ion Ratio Lower Upper
91 100
120 22.4 0.0 45.0





#75
2-Chlorotoluene
Concen: 3.968 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

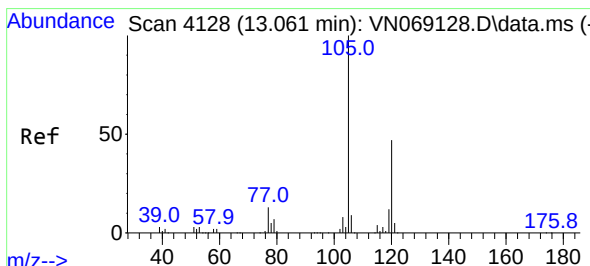
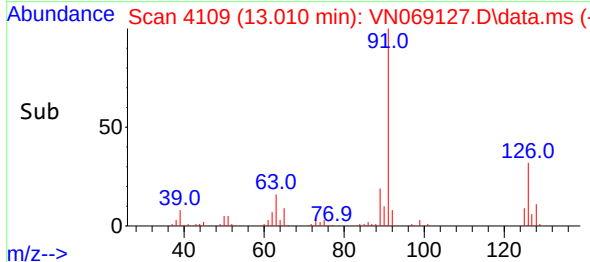
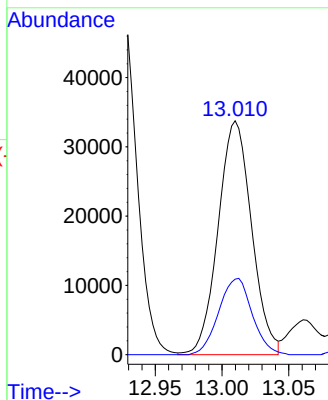
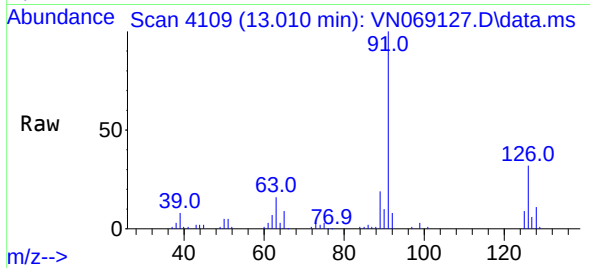
Tgt Ion: 91 Resp: 59023
Ion Ratio Lower Upper
91 100
126 32.6 0.0 69.8

Manual Integrations
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Reviewed By :John
Carlone

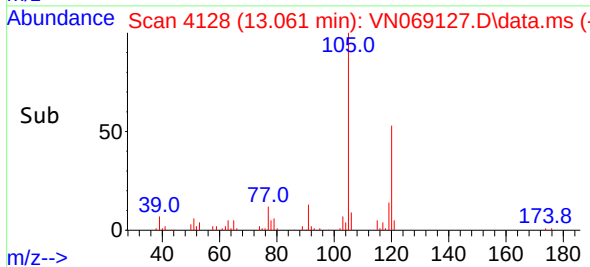
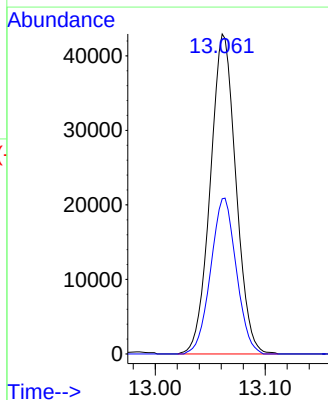
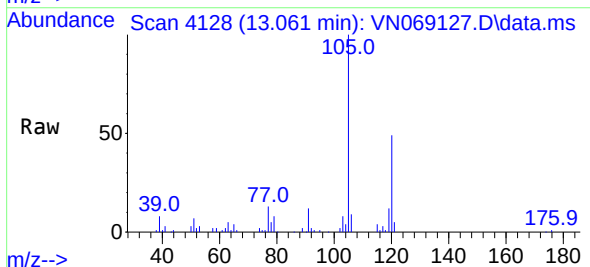
10/25/2021 10/25/2021 11:58:24 AM
Supervised By :Mahesh
Dadoda

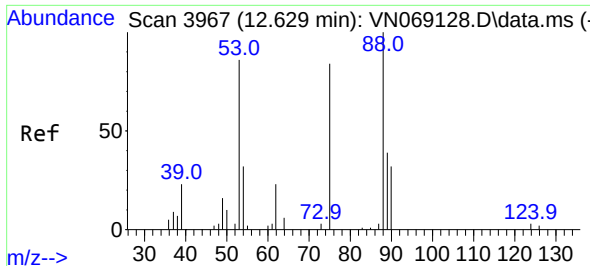
10/25/2021



#76
1,3,5-Trimethylbenzene
Concen: 3.824 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

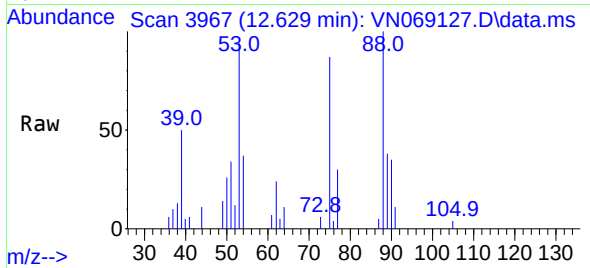
Tgt Ion:105 Resp: 69490
Ion Ratio Lower Upper
105 100
120 48.6 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 3.294 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



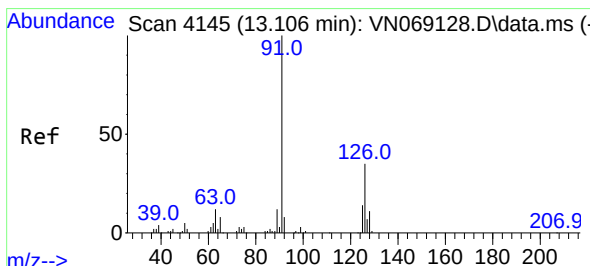
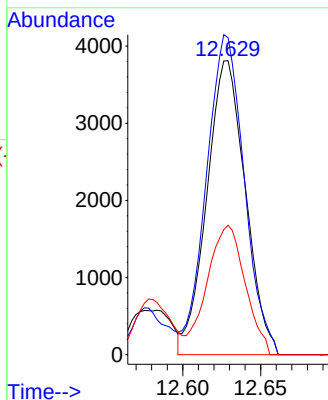
Tgt Ion: 75 Resp: 6560
Ion Ratio Lower Upper
75 100
53 107.8 51.8 155.5
89 44.1 22.9 68.7

Manual Integrations
APPROVED

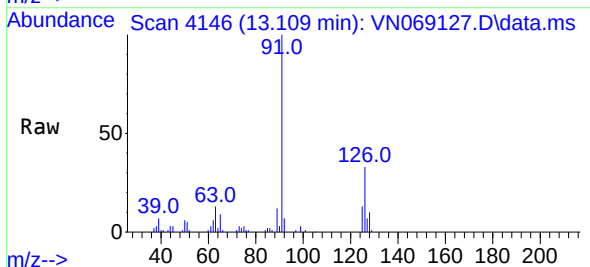
Reviewed By :John
Carlone

10/25/2021 10/25/2021 11:58:24 AM
Supervised By :Mahesh
Dadoda

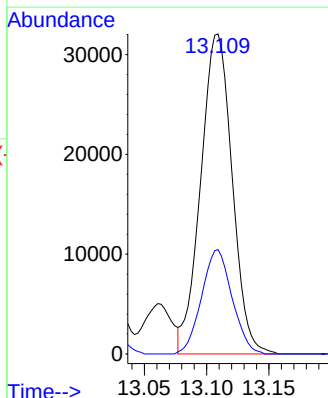
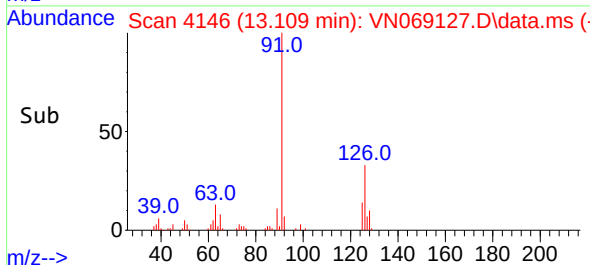
10/25/2021

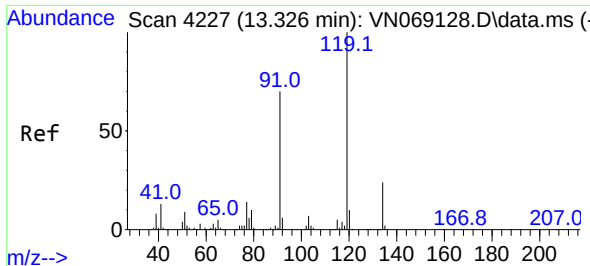


#78
4-Chlorotoluene
Concen: 3.851 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12



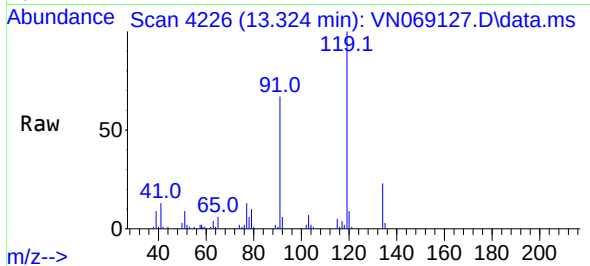
Tgt Ion: 91 Resp: 56348
Ion Ratio Lower Upper
91 100
126 31.5 0.0 70.6





#79
tert-butylbenzene
Concen: 3.803 ug/l
RT: 13.324 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



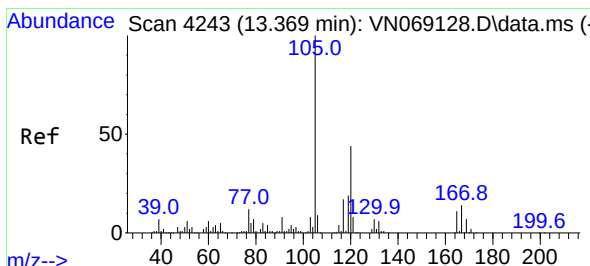
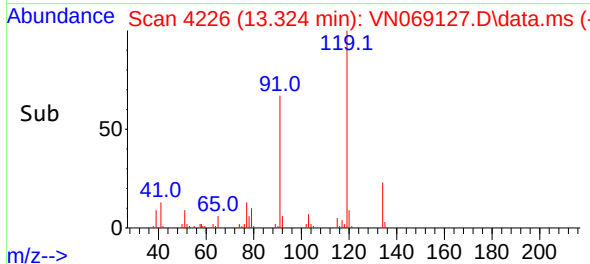
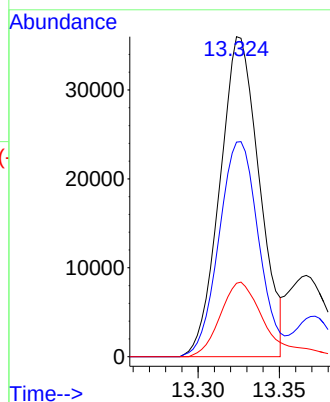
Tgt Ion:119 Resp: 6076
Ion Ratio Lower Upper
119 100
91 67.8 0.0 137.0
134 26.3 0.0 47.6

Manual Integrations
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Reviewed By :John
Carlone

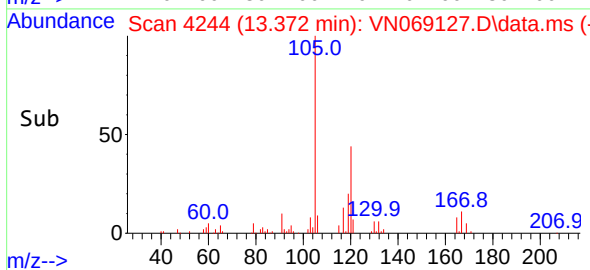
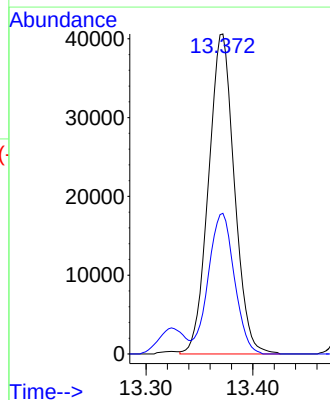
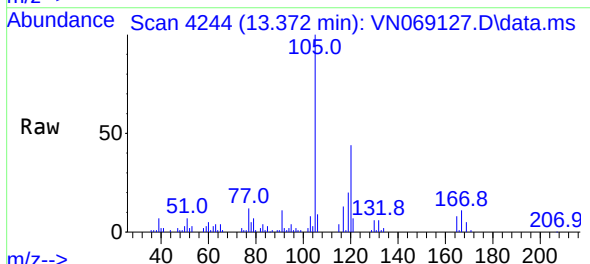
10/25/2021 10/25/2021 11:58:24 AM
Supervised By :Mahesh
Dadoda

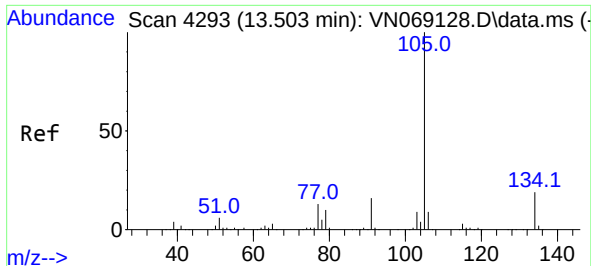
10/25/2021



#80
1,2,4-Trimethylbenzene
Concen: 3.790 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

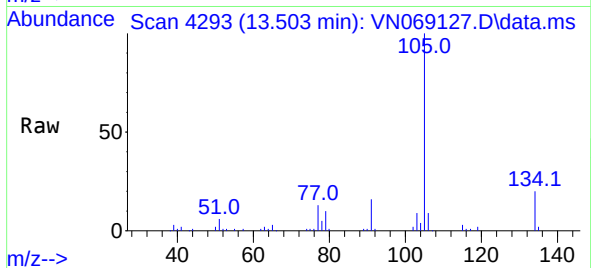
Tgt Ion:105 Resp: 68231
Ion Ratio Lower Upper
105 100
120 44.3 0.0 0.2#





#81
 sec-Butylbenzene
 Concen: 3.688 ug/l
 RT: 13.503 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN069127.D
 Acq: 22 Oct 2021 11:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



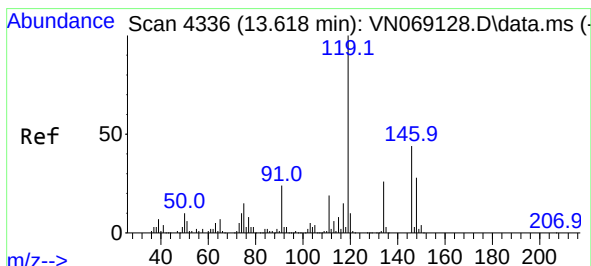
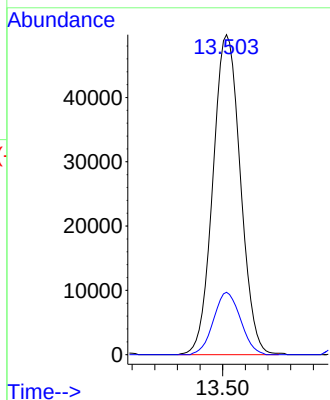
Tgt Ion:105 Resp: 83874
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 39.4

Manual Integrations
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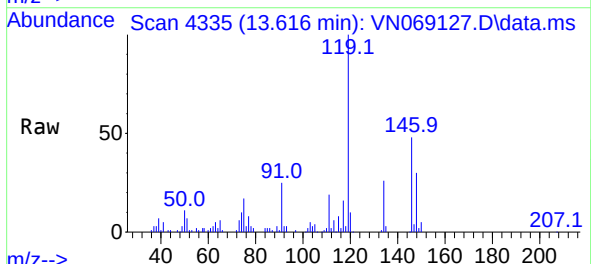
Reviewed By :John
 Carlone

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 Supervised By :Mahesh
 Dadoda

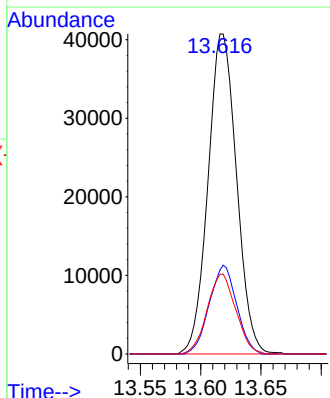
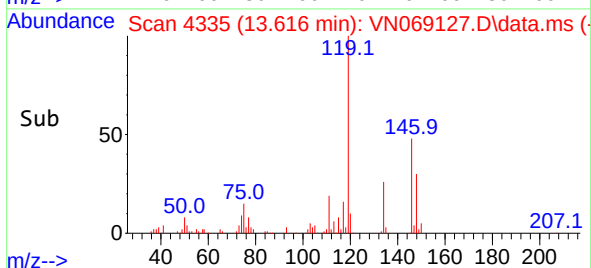
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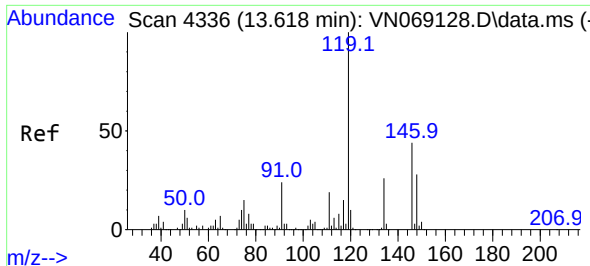


#82
 p-Isopropyltoluene
 Concen: 3.570 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.002 min
 Lab File: VN069127.D
 Acq: 22 Oct 2021 11:12



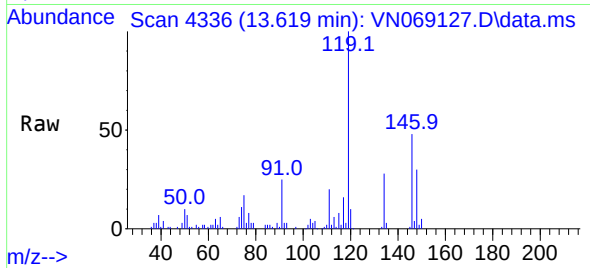
Tgt Ion:119 Resp: 67035
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 51.8
 91 25.0 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 3.561 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



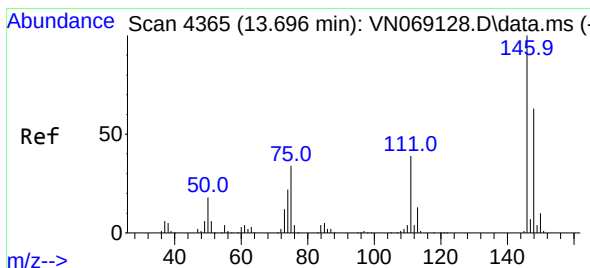
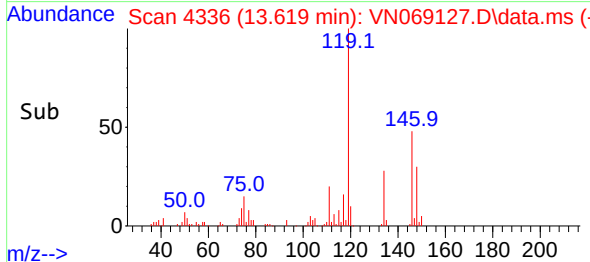
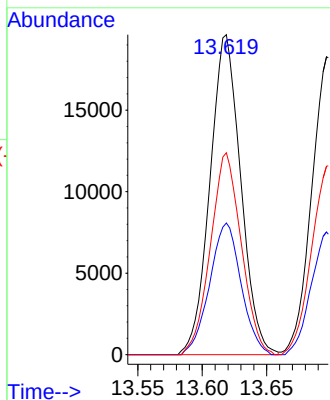
Tgt Ion:146 Resp: 32610
Ion Ratio Lower Upper
146 100
111 42.2 20.8 62.2
148 63.1 31.4 94.3

Manual Integrations
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Reviewed By :John
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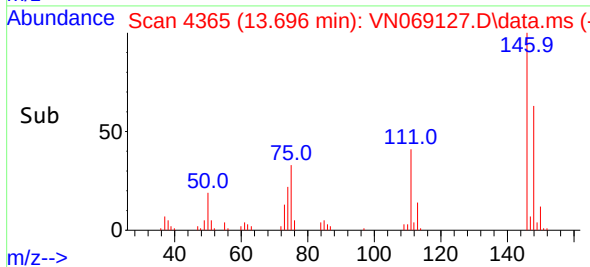
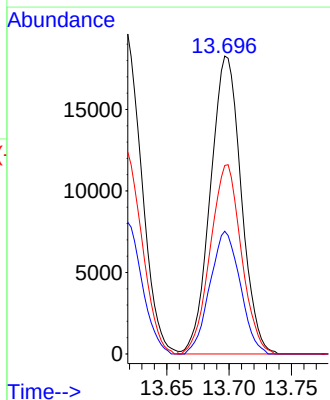
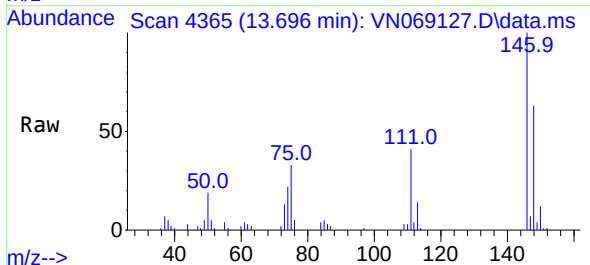
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Supervised By :Mahesh
Dadoda

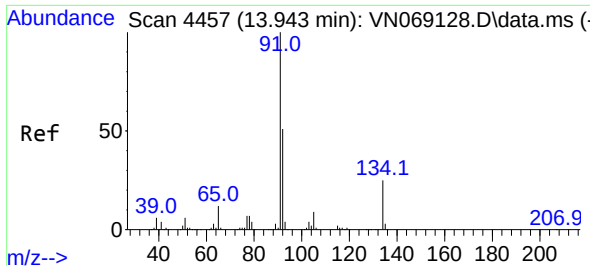
10/25/2021



#84
1,4-Dichlorobenzene
Concen: 3.606 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Tgt Ion:146 Resp: 31396
Ion Ratio Lower Upper
146 100
111 40.6 19.5 58.5
148 64.2 31.1 93.5





#85
n-Butylbenzene
Concen: 3.474 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

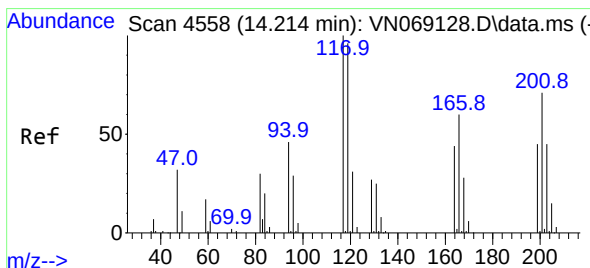
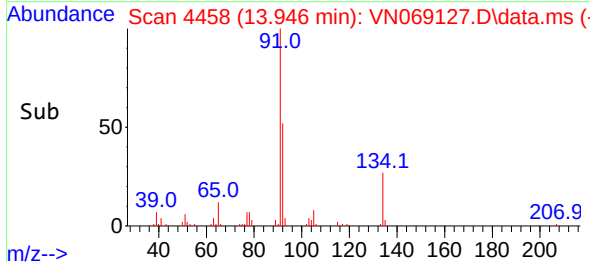
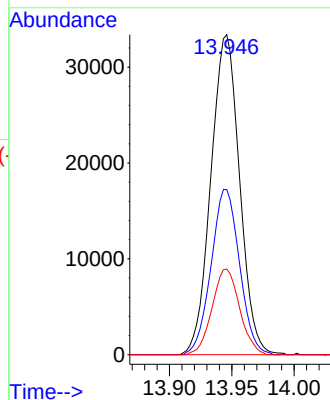
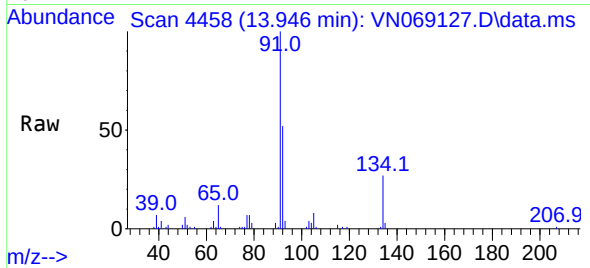
Tgt Ion: 91 Resp: 53484
Ion Ratio Lower Upper
91 100
92 51.2 0.0 100.6
134 25.7 0.0 50.2

Manual Integrations
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Reviewed By :John
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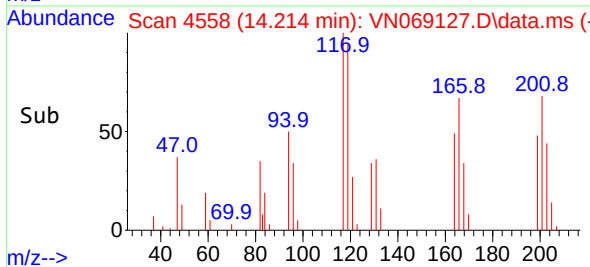
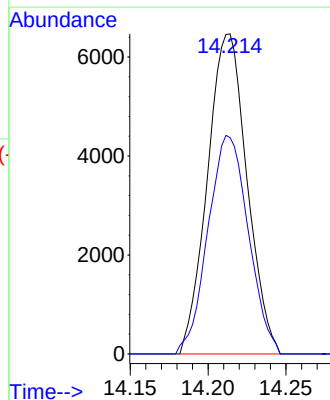
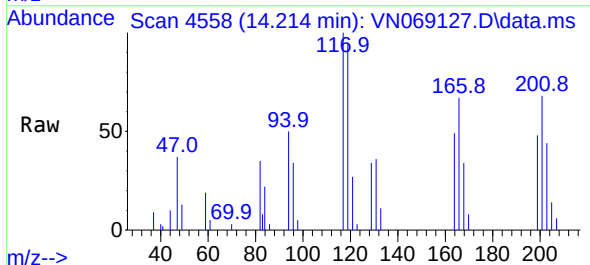
10/25/2021 10/25/2021 11:58:24 AM
Supervised By :Mahesh
Dadoda

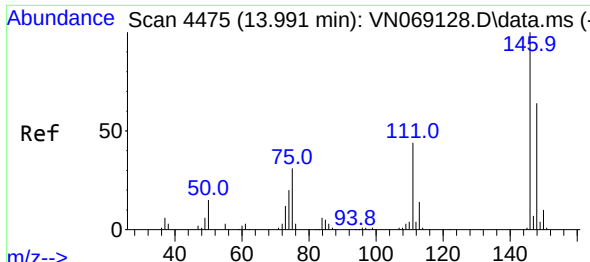
10/25/2021



#86
Hexachloroethane
Concen: 3.242 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Tgt Ion:117 Resp: 11423
Ion Ratio Lower Upper
117 100
201 69.6 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 3.746 ug/l

RT: 13.991 min Scan# 4475

Delta R.T. 0.000 min

Lab File: VN069127.D

Acq: 22 Oct 2021 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 3188

Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.4	64.2
148	62.7	32.5	97.4

Manual Integrations

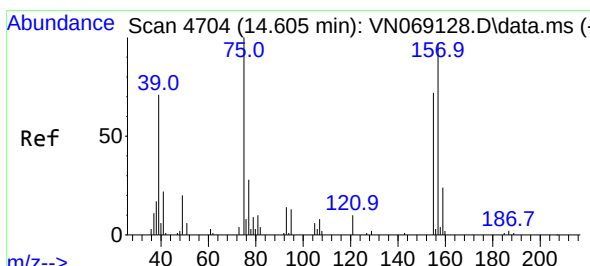
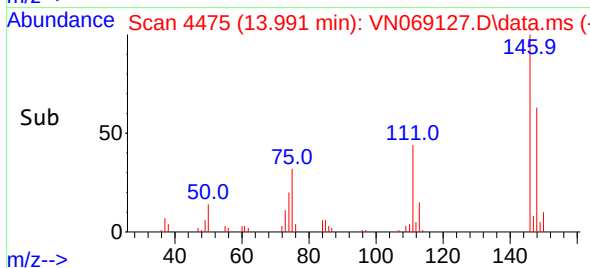
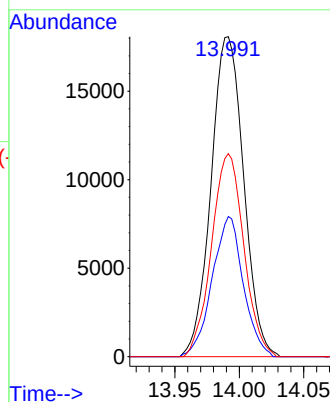
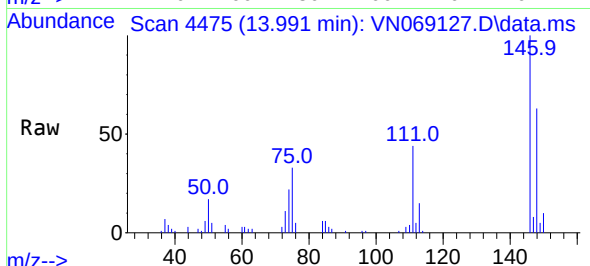
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Reviewed By :John
Carlone

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Supervised By :Mahesh
Dadoda

10/25/2021



#88

1,2-Dibromo-3-Chloropropane

Concen: 3.695 ug/l

RT: 14.606 min Scan# 4704

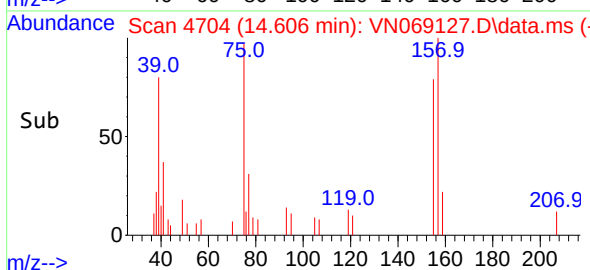
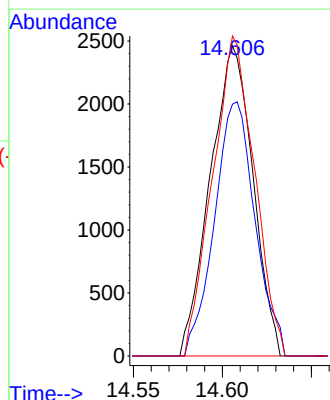
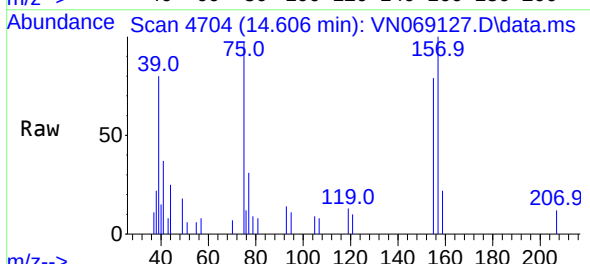
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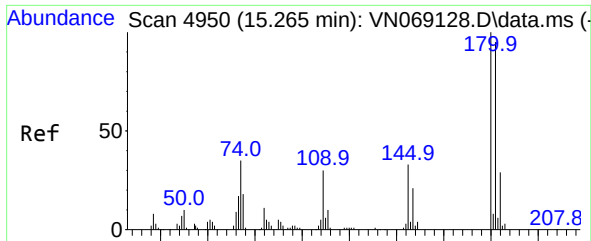
Lab File: VN069127.D

Acq: 22 Oct 2021 11:12

Tgt Ion: 75 Resp: 4101

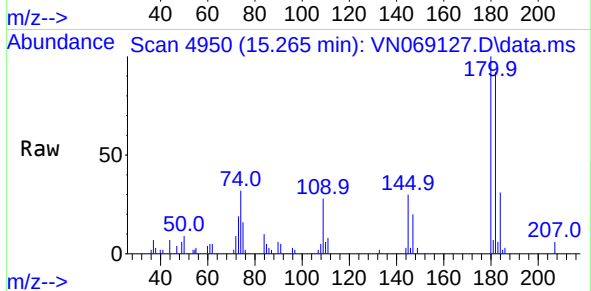
Ion	Ratio	Lower	Upper
75	100		
155	78.0	63.8	95.8
157	101.2	77.9	116.9





#89
1,2,4-Trichlorobenzene
Concen: 3.711 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



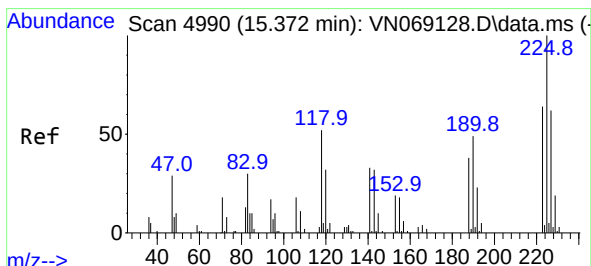
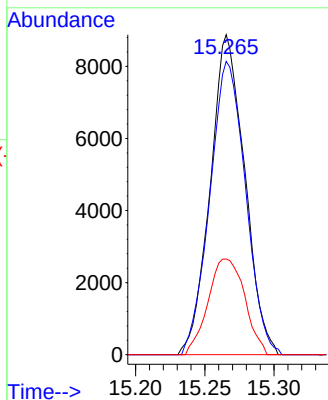
Tgt Ion:180 Resp: 15350
Ion Ratio Lower Upper
180 100
182 94.8 77.7 116.5
145 31.8 26.6 39.8

Manual Integrations
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Reviewed By :John
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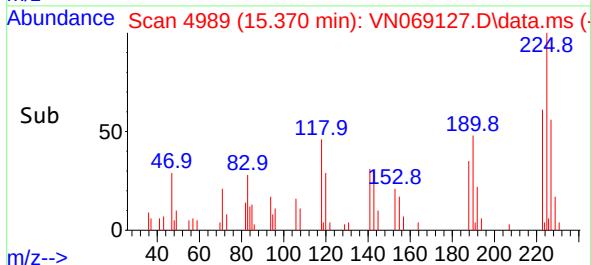
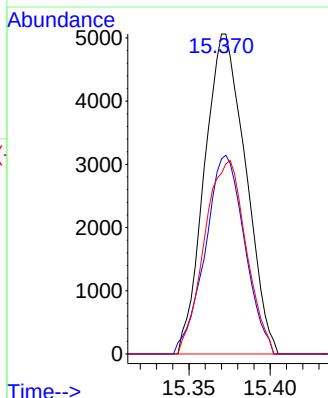
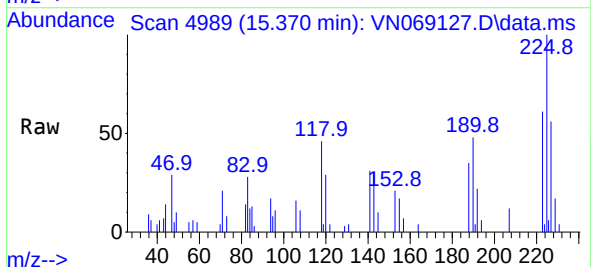
10/25/2021 10/25/2021 11:58:24 AM
Supervised By :Mahesh
Dadoda

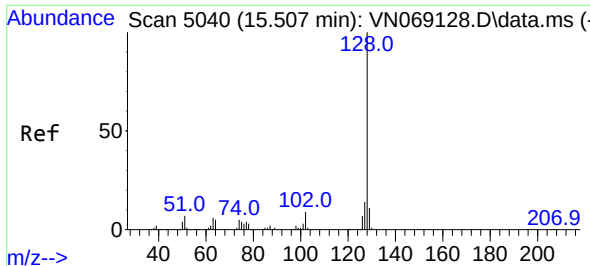
10/25/2021



#90
Hexachlorobutadiene
Concen: 4.248 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.002 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

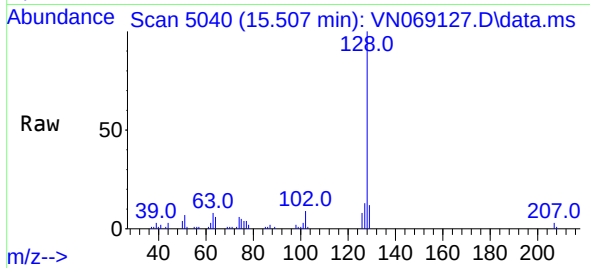
Tgt Ion:225 Resp: 8918
Ion Ratio Lower Upper
225 100
223 59.5 0.0 126.8
227 61.0 0.0 123.0





#91
Naphthalene
Concen: 4.062 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



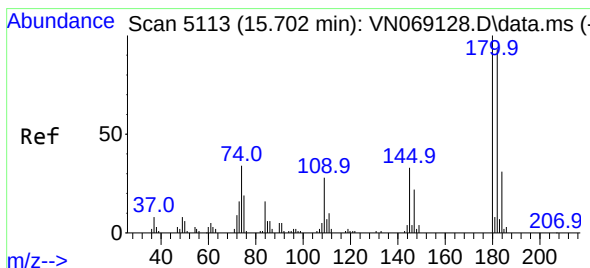
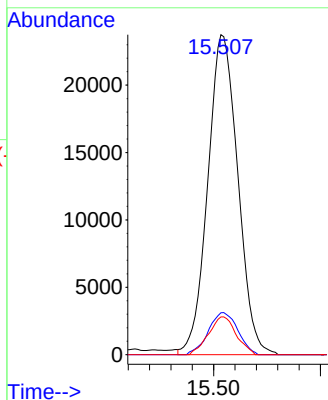
Tgt Ion:128 Resp: 46434
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 10.9 9.0 13.6

Manual Integrations
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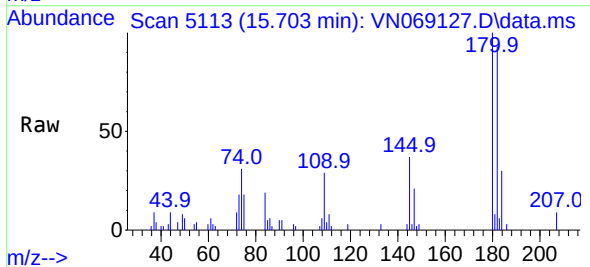
Reviewed By :John
Carlone

10/25/2021 10/25/2021 11:58:24 AM
Supervised By :Mahesh
Dadoda

10/25/2021



#92
1,2,3-Trichlorobenzene
Concen: 3.778 ug/l
RT: 15.703 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN069127.D
Acq: 22 Oct 2021 11:12



Tgt Ion:180 Resp: 14847
Ion Ratio Lower Upper
180 100
182 98.3 0.0 190.0
145 35.4 0.0 67.8

