

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091321\
 Data File : VN068462.D
 Acq On : 13 Sep 2021 17:17
 Operator : JC/MD
 Sample : VN0913WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBS01

Quant Time: Sep 14 04:27:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N091321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Sep 14 04:23:31 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/14/2021
 Supervised By : Mahesh Dadoda 09/14/2021

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

Internal Standards						
1) Bromochloromethane	7.662	128	111510	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	596641	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	550364	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	206211	31.313	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.367%			
60) 4-Bromofluorobenzene	12.734	95	238997	30.467	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.567%			
63) Toluene-d8	10.443	98	738955	30.864	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.867%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	99114	19.514	ug/l	100
3) Chloromethane	2.303	50	93354	19.001	ug/l	100
4) Vinyl Chloride	2.443	62	155511	19.971	ug/l	100
5) Bromomethane	2.856	94	153509	19.847	ug/l	98
6) Chloroethane	3.019	64	109719	19.741	ug/l	100
7) Trichlorofluoromethane	3.373	101	184003	19.170	ug/l	99
8) Diethyl Ether	3.827	74	57189	18.890	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.213	101	103724	18.971	ug/l	87
10) 1,1-Dichloroethene	4.189	96	93232	18.347	ug/l	99
11) Methyl Iodide	4.425	142	132877	16.841	ug/l	98
12) Methyl Acetate	4.854	43	102379m	19.373	ug/l	
13) Acrolein	4.041	56	37581	88.408	ug/l	96
14) Acrylonitrile	5.559	53	212384	92.725	ug/l	99
15) Acetone	4.288	58	61865	99.111	ug/l	100
16) Carbon Disulfide	4.535	76	237168	18.085	ug/l	98
17) Allyl chloride	4.846	41	119892	18.895	ug/l	99
18) Methylene Chloride	5.101	84	111038	18.254	ug/l	98
19) trans-1,2-Dichloroethene	5.602	96	105122	18.463	ug/l	99
20) Diisopropyl ether	6.498	45	272051	19.330	ug/l	95
21) 1,1-Dichloroethane	6.388	63	176388	18.857	ug/l	98
22) cis-1,2-Dichloroethene	7.329	96	127947	18.690	ug/l	97
23) tert-Butyl Alcohol	5.374	59	85963m	92.871	ug/l	
24) Methyl tert-Butyl Ether	5.616	73	325408	18.806	ug/l	99
25) Chloroform	7.820	83	211998	18.937	ug/l	97
26) Cyclohexane	8.096	56	150572	19.040	ug/l #	99
29) 1,1-Dichloropropene	8.225	75	147345	18.426	ug/l	99
30) 2-Butanone	7.337	43	278595	91.278	ug/l #	97
31) 2,2-Dichloropropane	7.329	77	172107	18.702	ug/l	99
32) 1,1,1-Trichloroethane	8.019	97	201252	18.532	ug/l	99
33) Carbon Tetrachloride	8.209	117	185606	18.285	ug/l	97
34) Benzene	8.461	78	452577	18.559	ug/l	99
35) Methacrylonitrile	7.638	41	54025	18.353	ug/l	92
36) 1,2-Dichloroethane	8.531	62	154715	18.843	ug/l	99
37) Trichloroethene	9.217	130	142073	18.182	ug/l	99
38) Methylcyclohexane	9.462	83	193618	18.836	ug/l	99
39) 1,2-Dichloropropane	9.491	63	106266	18.515	ug/l	95
40) Dibromomethane	9.580	93	86634	18.372	ug/l	100
41) Bromodichloromethane	9.765	83	163856	17.980	ug/l	97
42) Vinyl Acetate	6.436	43	1042522	92.706	ug/l	99

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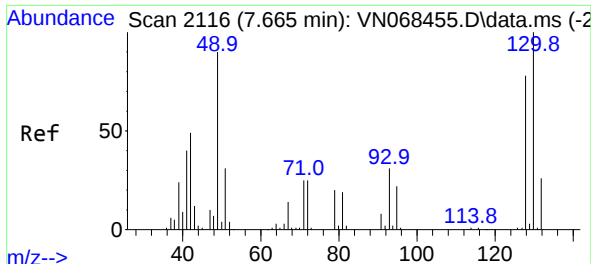
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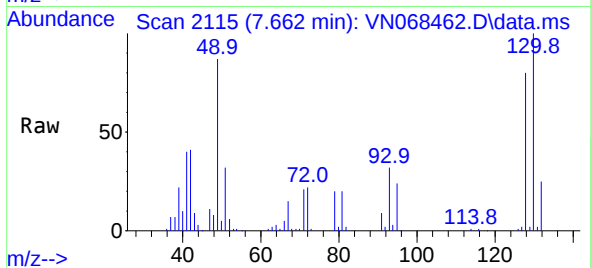
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.413	43	115532	17.946	ug/l #	83
44) Isopropyl Acetate	8.563	43	203824	18.497	ug/l	99
45) 1,4-Dioxane	9.569	88	40255	361.284	ug/l	98
46) Methyl methacrylate	9.561	41	89010	19.970	ug/l	99
47) n-amyl Acetate	12.390	43	136498	17.642	ug/l	99
48) t-1,3-Dichloropropene	10.719	75	164199	17.796	ug/l	99
49) cis-1,3-Dichloropropene	10.191	75	176653	17.814	ug/l	99
50) 1,1,2-Trichloroethane	10.899	97	124063	18.206	ug/l	98
51) Ethyl methacrylate	10.762	69	156314	17.866	ug/l	97
52) 1,3-Dichloropropane	11.047	76	185899	18.344	ug/l	99
53) Dibromochloromethane	11.240	129	148864	17.766	ug/l	99
54) 1,2-Dibromoethane	11.347	107	131655	18.014	ug/l	99
55) 2-Chloroethyl vinyl ether	10.044	63	120052	81.056	ug/l	100
56) Bromoform	12.460	173	112089	16.655	ug/l #	99
58) 4-Methyl-2-Pentanone	10.333	43	604443	93.297	ug/l	100
59) 2-Hexanone	11.087	43	413772	92.151	ug/l	99
61) Tetrachloroethene	10.980	164	145399	18.374	ug/l	97
62) Toluene	10.508	91	541299	18.687	ug/l	100
64) Chlorobenzene	11.773	112	349118	18.274	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.843	131	140909	18.073	ug/l	99
66) Ethyl Benzene	11.846	91	581902	18.484	ug/l	100
67) m/p-Xylenes	11.956	106	491955	37.911	ug/l	100
68) o-Xylene	12.283	106	241146	18.822	ug/l	98
69) Styrene	12.296	104	375762	18.496	ug/l	99
70) Isopropylbenzene	12.583	105	619019	19.029	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.830	83	166569	18.811	ug/l	99
72) 1,2,3-Trichloropropane	12.881	75	145711m	19.767	ug/l	
73) Bromobenzene	12.862	156	165188	17.888	ug/l	97
74) n-propylbenzene	12.921	91	657114	18.731	ug/l	99
75) 2-Chlorotoluene	13.010	91	400688	18.978	ug/l	99
76) 1,3,5-Trimethylbenzene	13.061	105	519936	19.144	ug/l	100
77) t-1,4-Dichloro-2-butene	12.626	75	42163	17.334	ug/l	95
78) 4-Chlorotoluene	13.109	91	382379	18.872	ug/l	100
79) tert-butylbenzene	13.326	119	468437	18.774	ug/l	99
80) 1,2,4-Trimethylbenzene	13.372	105	502180m	19.112	ug/l	
81) sec-Butylbenzene	13.506	105	626971	19.010	ug/l	100
82) p-Isopropyltoluene	13.619	119	529871	18.730	ug/l	100
83) 1,3-Dichlorobenzene	13.619	146	293354	18.276	ug/l	100
84) 1,4-Dichlorobenzene	13.696	146	280247	18.225	ug/l	99
85) n-Butylbenzene	13.946	91	365886	18.184	ug/l	99
86) Hexachloroethane	14.211	117	94514	18.188	ug/l	100
87) 1,2-Dichlorobenzene	13.991	146	278647	18.065	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.606	75	26906	17.970	ug/l	96
89) 1,2,4-Trichlorobenzene	15.265	180	119525	16.038	ug/l	99
90) Hexachlorobutadiene	15.373	225	81097	17.206	ug/l	99
91) Naphthalene	15.509	128	243179	15.126	ug/l	100
92) 1,2,3-Trichlorobenzene	15.705	180	112175	15.983	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2116
Delta R.T. -0.003 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

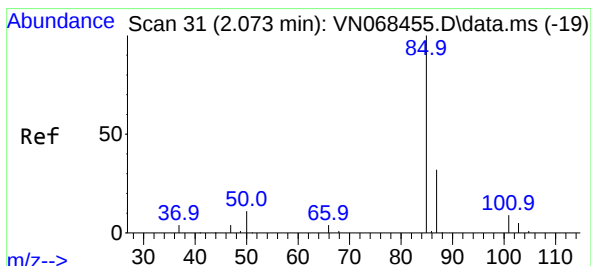
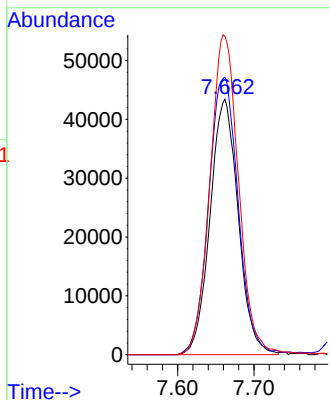
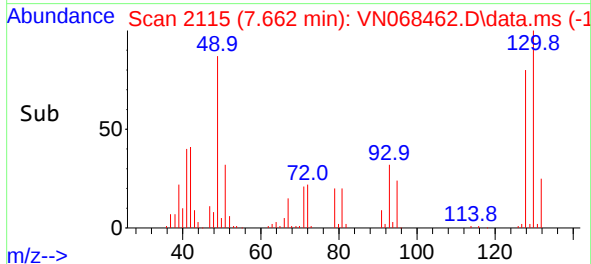
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



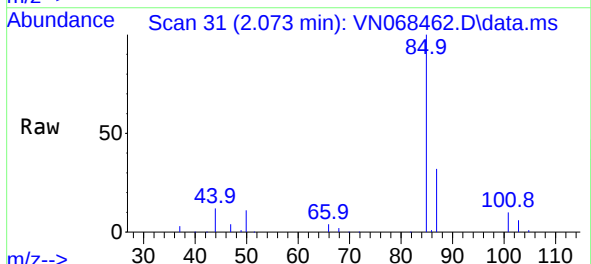
Tgt Ion:128 Resp: 111510
Ion Ratio Lower Upper
128 100
49 113.6 0.0 292.5
130 127.2 0.0 325.0

Manual Integrations
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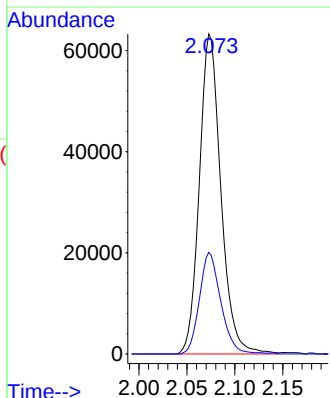
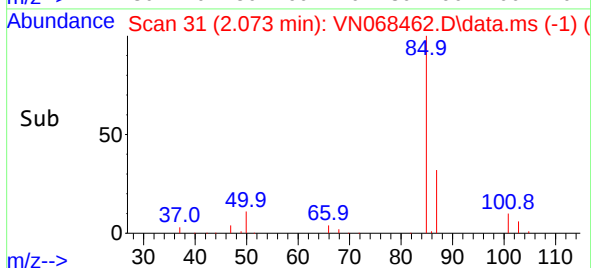
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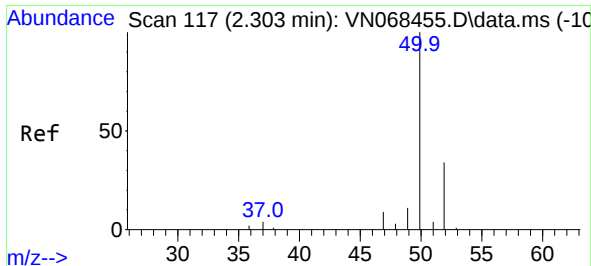


#2
Dichlorodifluoromethane
Concen: 19.514 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17



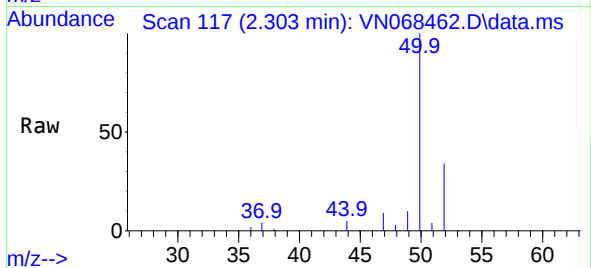
Tgt Ion: 85 Resp: 99114
Ion Ratio Lower Upper
85 100
87 31.7 15.8 47.3





#3
Chloromethane
Concen: 19.001 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

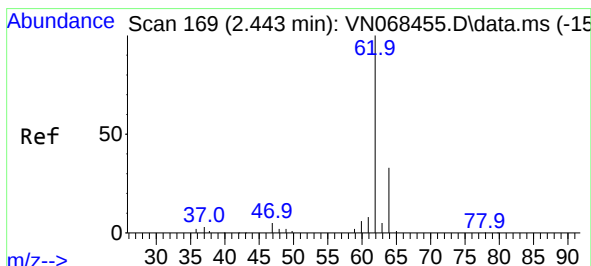
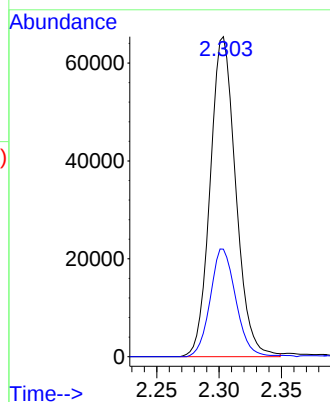
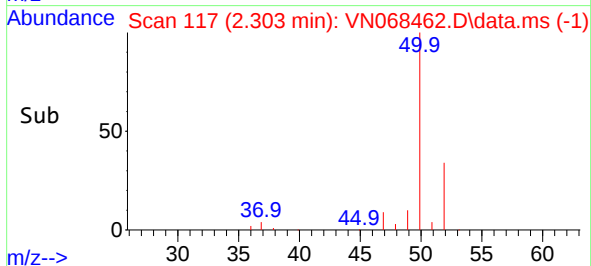
Instrument :
MSVOA_N
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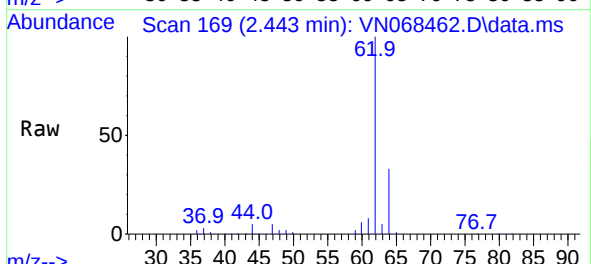
Tgt Ion: 50 Resp: 93354
Ion Ratio Lower Upper
50 100
52 33.6 27.0 40.4

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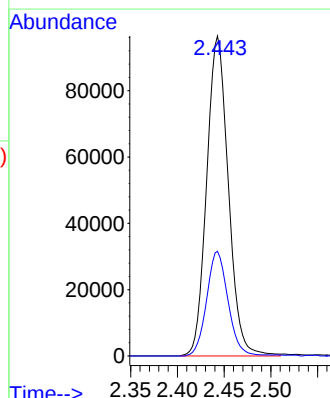
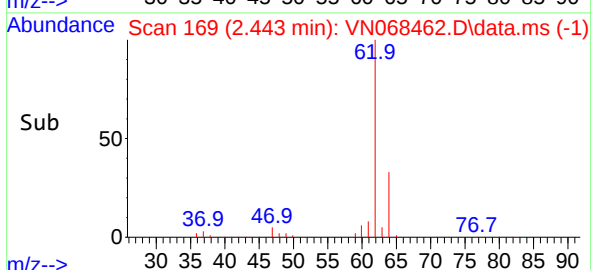
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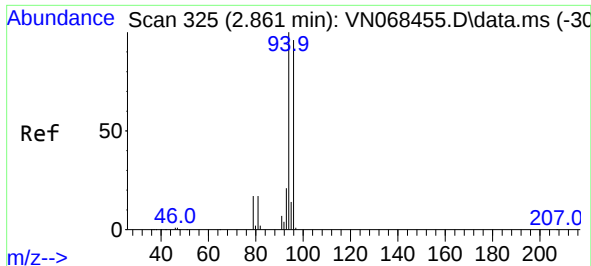


#4
Vinyl Chloride
Concen: 19.971 ug/l
RT: 2.443 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17



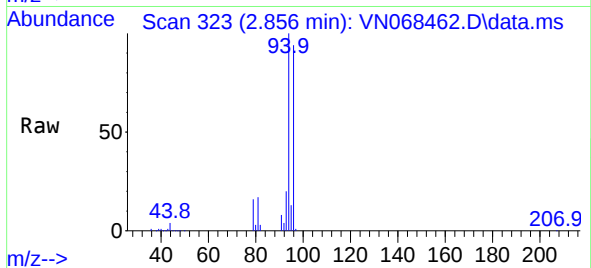
Tgt Ion: 62 Resp: 155511
Ion Ratio Lower Upper
62 100
64 32.7 26.1 39.1





#5
Bromomethane
Concen: 19.847 ug/l
RT: 2.856 min Scan# 31
Delta R.T. -0.005 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

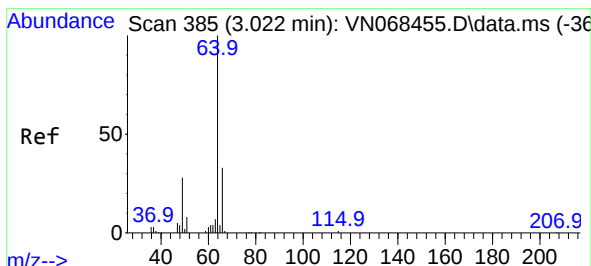
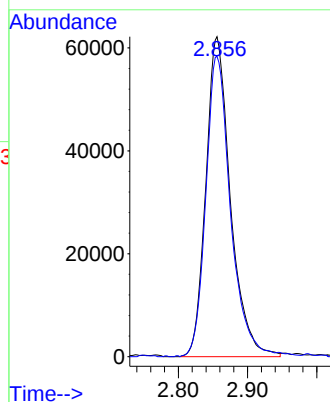
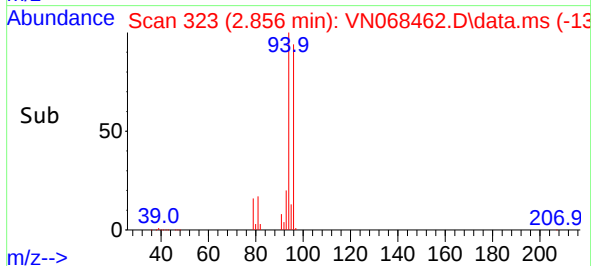
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 153509
Ion Ratio Lower Upper
94 100
96 93.9 77.0 115.4

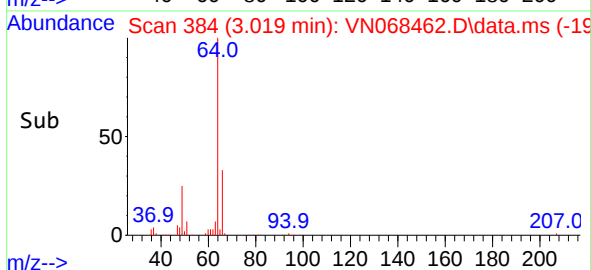
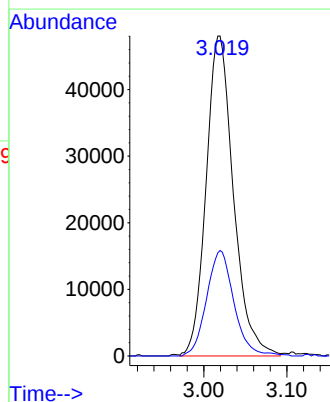
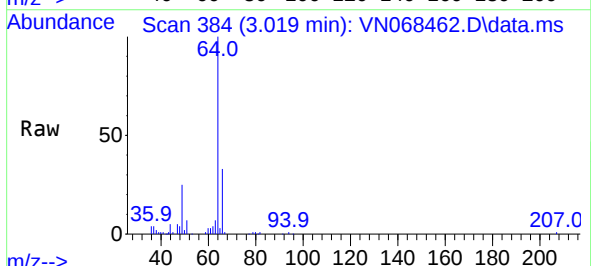
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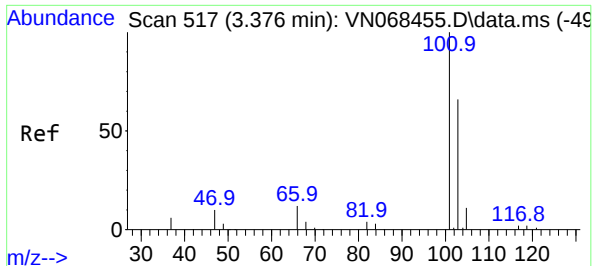
Reviewed By :John Carlone 09/14/2021
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#6
Chloroethane
Concen: 19.741 ug/l
RT: 3.019 min Scan# 384
Delta R.T. -0.003 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

Tgt Ion: 64 Resp: 109719
Ion Ratio Lower Upper
64 100
66 33.1 26.3 39.5





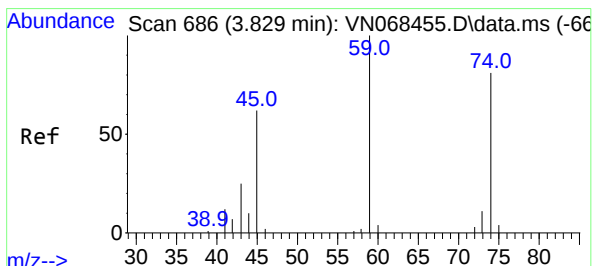
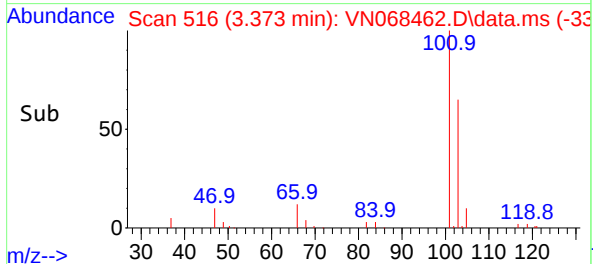
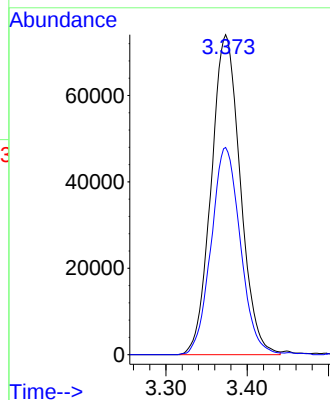
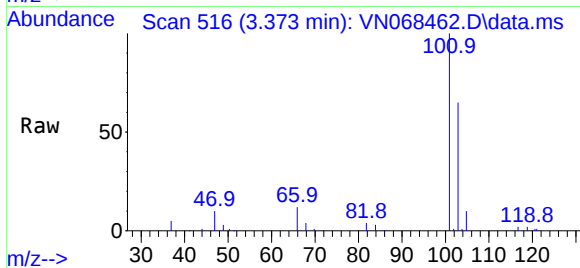
#7
Trichlorofluoromethane
Concen: 19.170 ug/l
RT: 3.373 min Scan# 517
Delta R.T. -0.003 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

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Tgt Ion:101 Resp: 18400
Ion Ratio Lower Upper
101 100
103 64.5 52.4 78.6

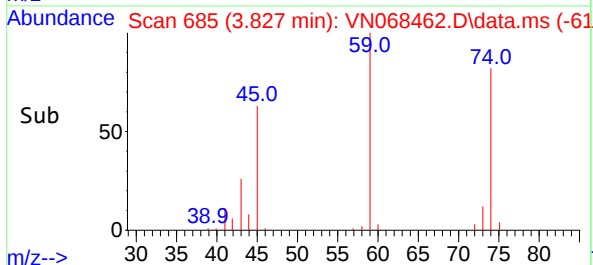
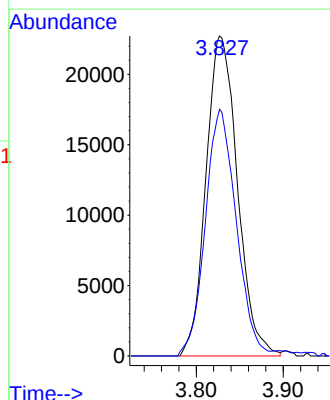
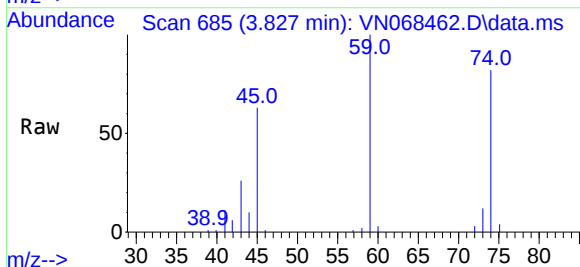
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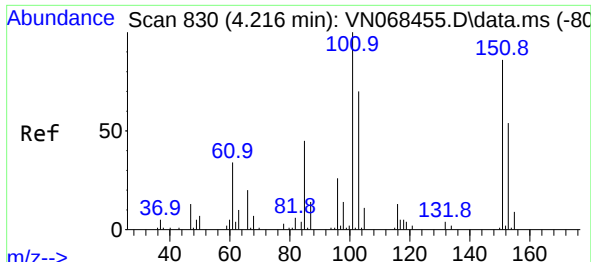
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#8
Diethyl Ether
Concen: 18.890 ug/l
RT: 3.827 min Scan# 685
Delta R.T. -0.003 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

Tgt Ion: 74 Resp: 57189
Ion Ratio Lower Upper
74 100
45 75.6 16.2 146.0





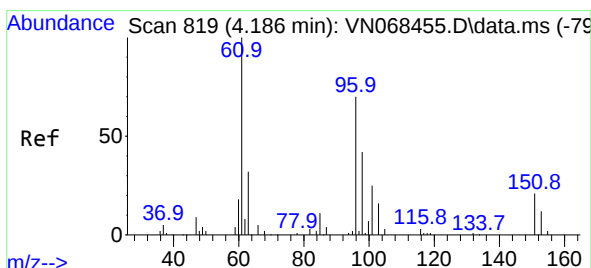
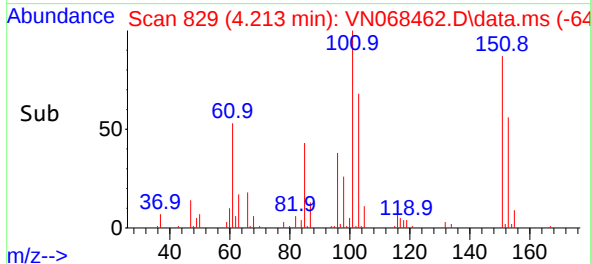
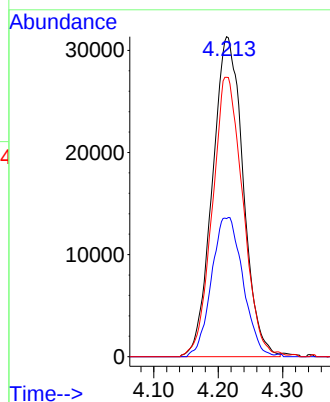
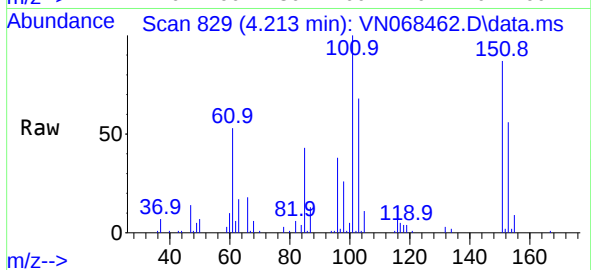
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.971 ug/l
RT: 4.213 min Scan# 81
Delta R.T. -0.003 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01

Tgt Ion:101 Resp: 103724
Ion Ratio Lower Upper
101 100
85 22.2 0.0 89.2
151 86.6 0.0 176.4

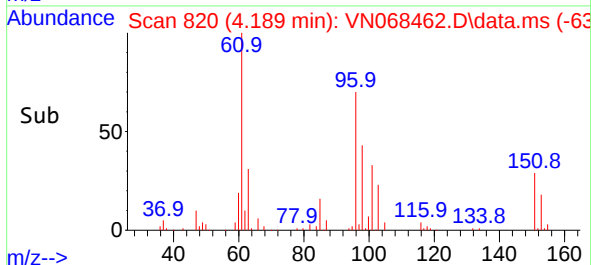
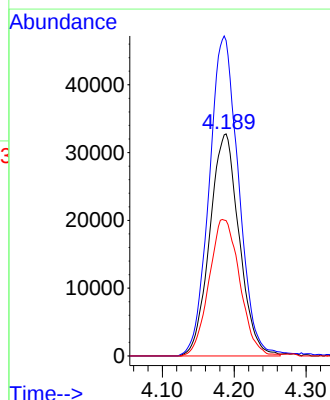
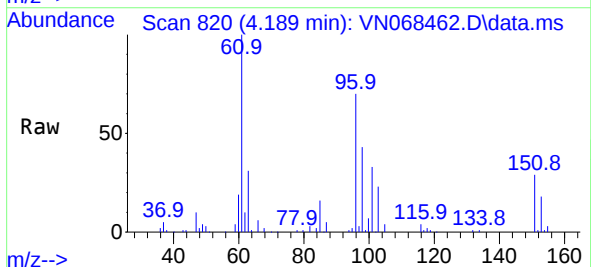
Manual Integrations
APPROVED

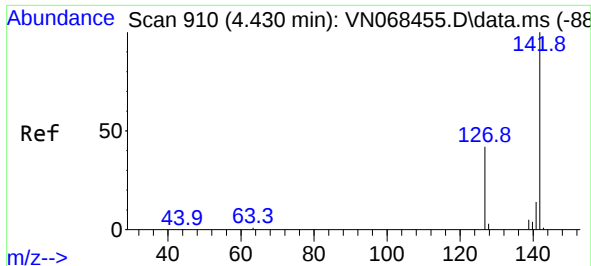
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#10
1,1-Dichloroethene
Concen: 18.347 ug/l
RT: 4.189 min Scan# 820
Delta R.T. 0.003 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

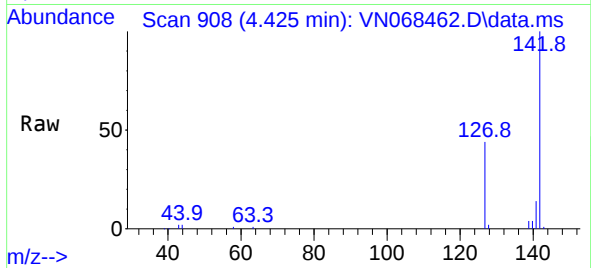
Tgt Ion: 96 Resp: 93232
Ion Ratio Lower Upper
96 100
61 141.5 114.1 171.1
98 61.0 48.3 72.5





#11
Methyl Iodide
Concen: 16.841 ug/l
RT: 4.425 min Scan# 908
Delta R.T. -0.005 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

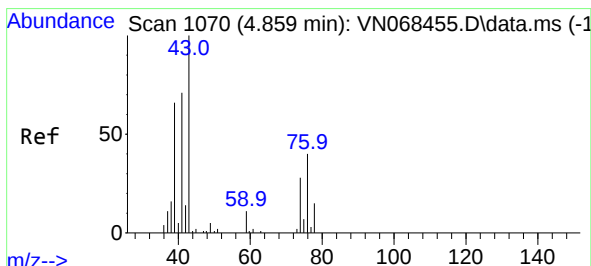
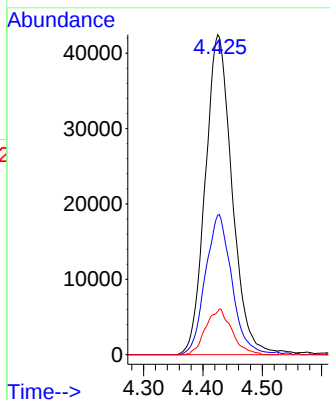
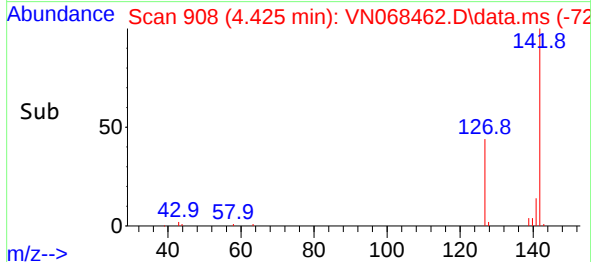
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



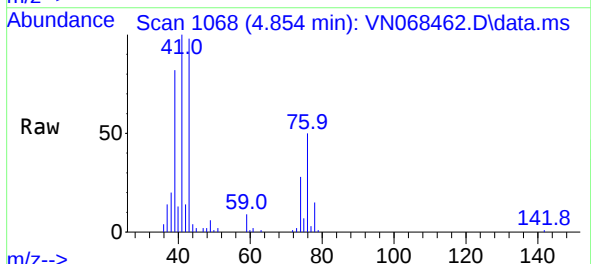
Tgt Ion:142 Resp: 13287
Ion Ratio Lower Upper
142 100
127 43.4 20.9 62.8
141 13.6 6.8 20.3

Manual Integrations
APPROVED

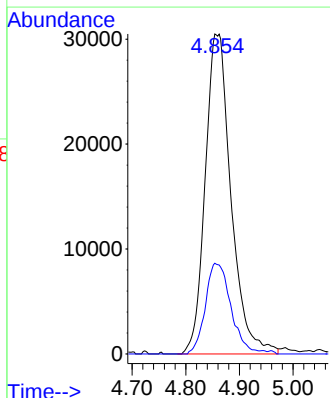
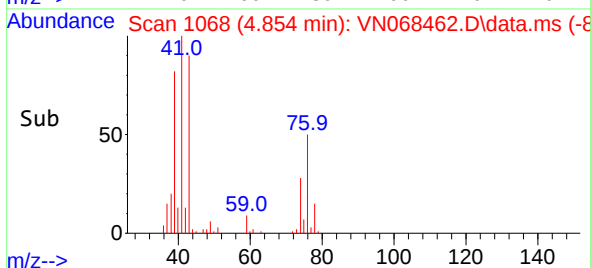
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

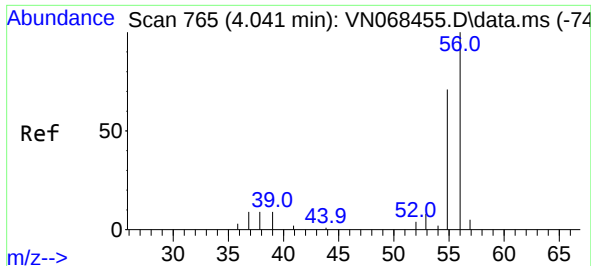


#12
Methyl Acetate
Concen: 19.373 ug/l m
RT: 4.854 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17



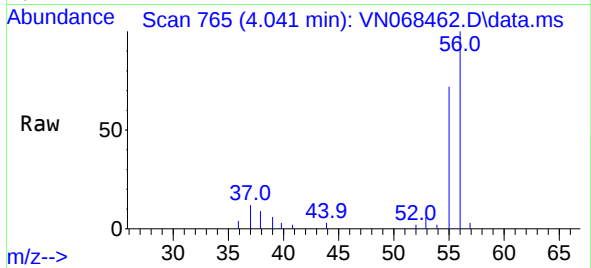
Tgt Ion: 43 Resp: 102379
Ion Ratio Lower Upper
43 100
74 28.4 22.6 34.0





#13
Acrolein
Concen: 88.408 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

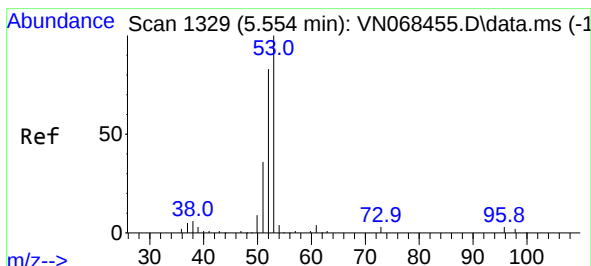
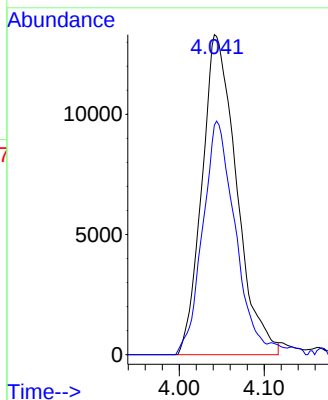
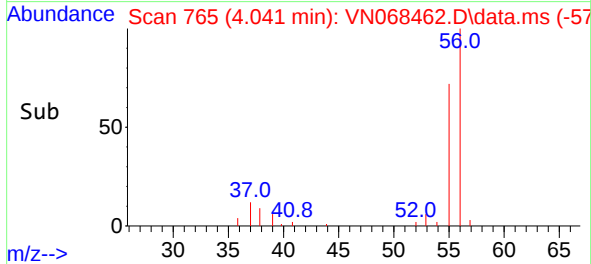
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



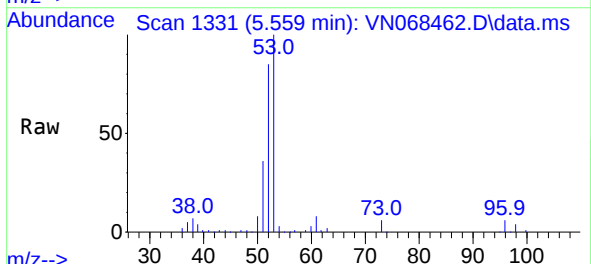
Tgt Ion: 56 Resp: 3758
Ion Ratio Lower Upper
56 100
55 68.0 57.2 85.8

Manual Integrations
APPROVED

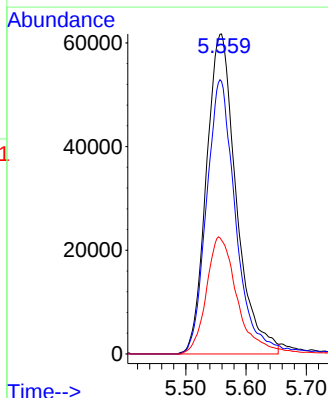
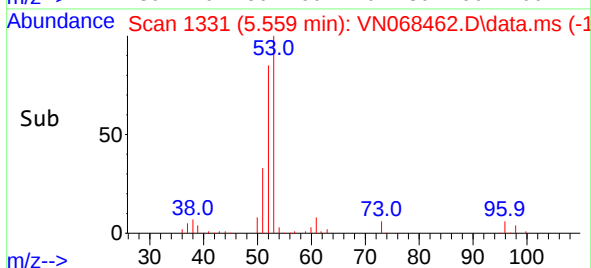
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

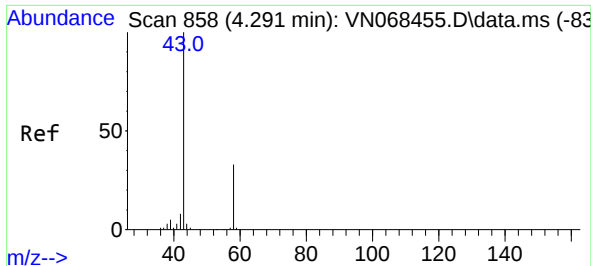


#14
Acrylonitrile
Concen: 92.725 ug/l
RT: 5.559 min Scan# 1331
Delta R.T. 0.005 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17



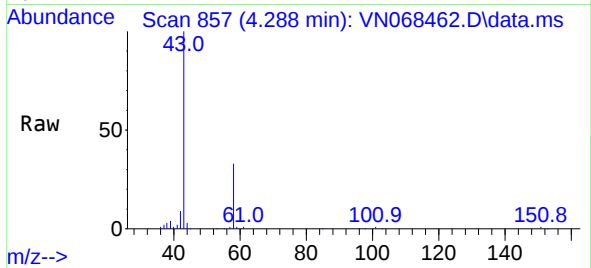
Tgt Ion: 53 Resp: 212384
Ion Ratio Lower Upper
53 100
52 83.2 41.5 124.5
51 38.1 17.9 53.7





#15
Acetone
Concen: 99.111 ug/l
RT: 4.288 min Scan# 81
Delta R.T. -0.003 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

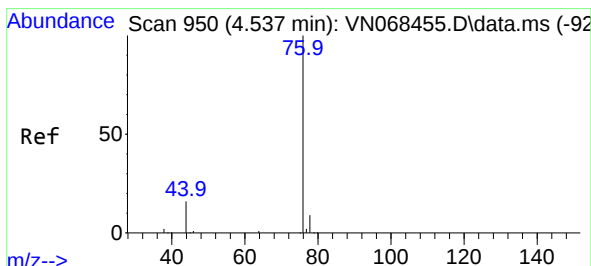
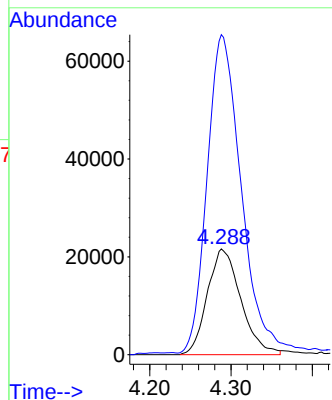
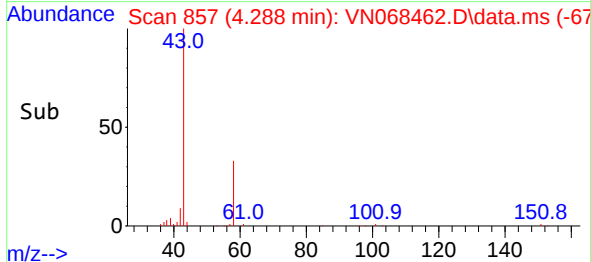
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



Tgt Ion: 58 Resp: 6186
Ion Ratio Lower Upper
58 100
43 300.9 239.9 359.9

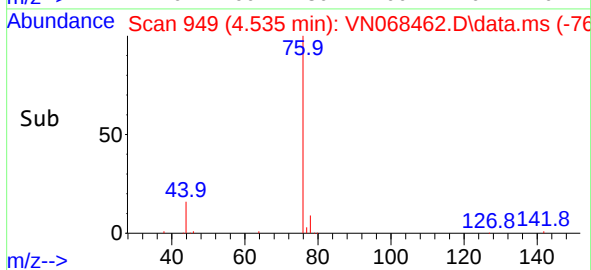
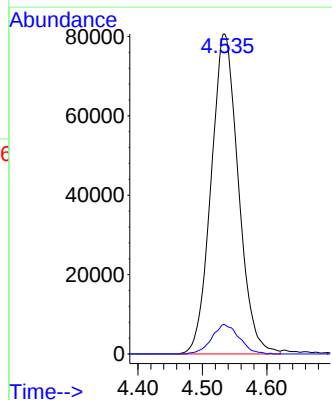
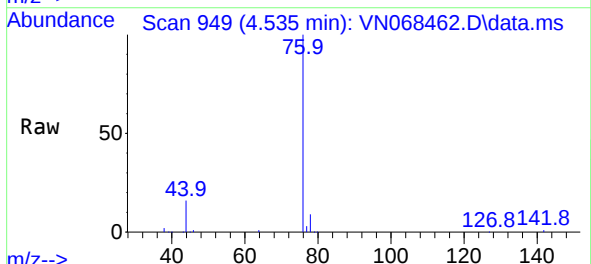
Manual Integrations
APPROVED

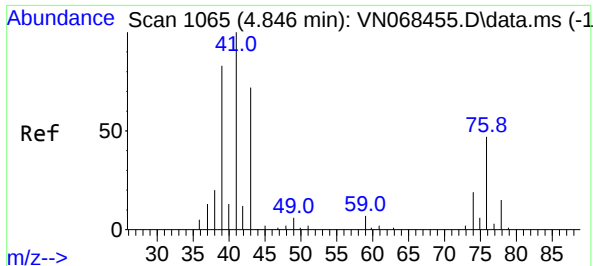
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#16
Carbon Disulfide
Concen: 18.085 ug/l
RT: 4.535 min Scan# 949
Delta R.T. -0.003 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

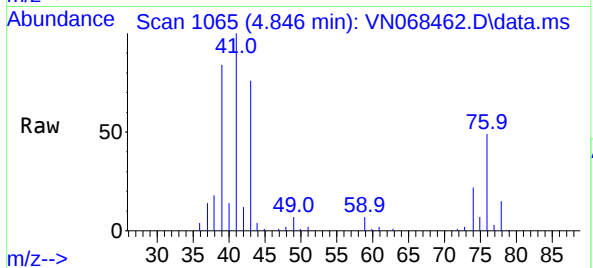
Tgt Ion: 76 Resp: 237168
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3





#17
Allyl chloride
Concen: 18.895 ug/l
RT: 4.846 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

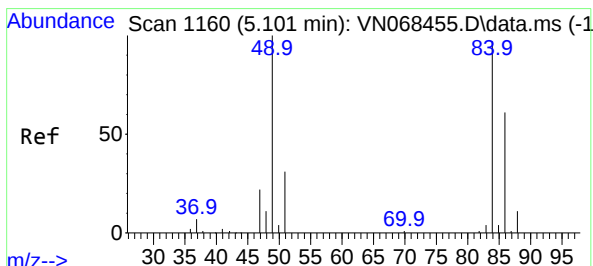
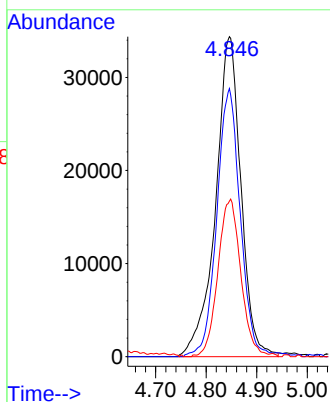
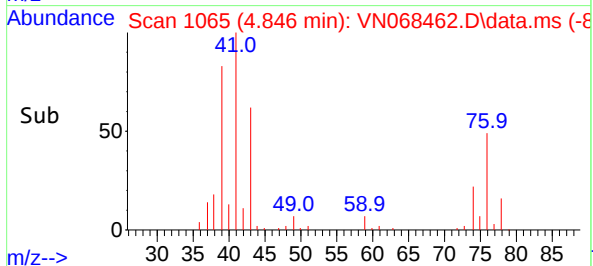
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



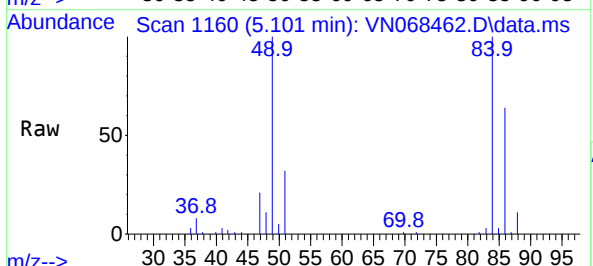
Tgt Ion: 41 Resp: 119892
Ion Ratio Lower Upper
41 100
39 83.8 41.5 124.5
76 48.6 23.6 71.0

Manual Integrations
APPROVED

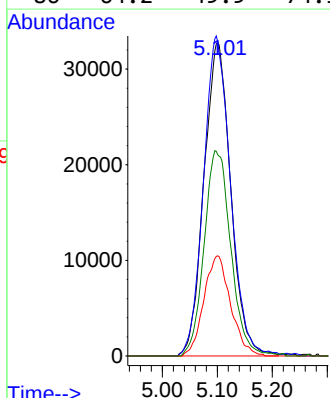
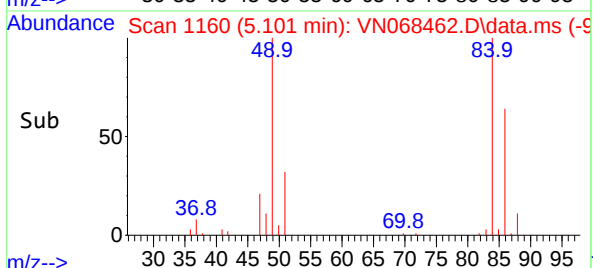
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

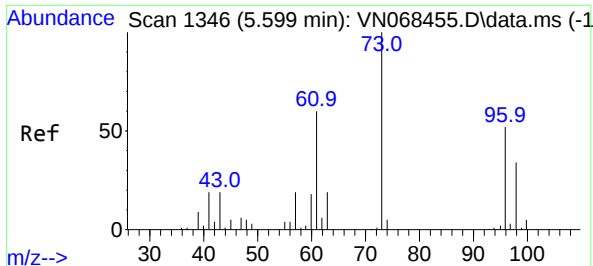


#18
Methylene Chloride
Concen: 18.254 ug/l
RT: 5.101 min Scan# 1160
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17



Tgt Ion: 84 Resp: 111038
Ion Ratio Lower Upper
84 100
49 100.3 82.4 123.6
51 32.0 25.9 38.9
86 64.2 49.9 74.9





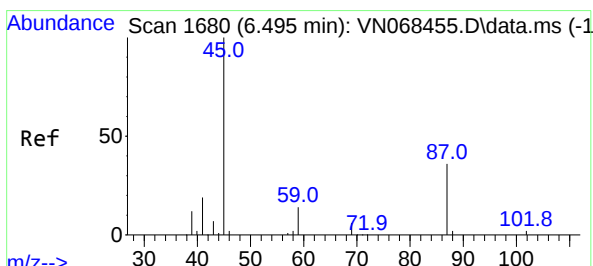
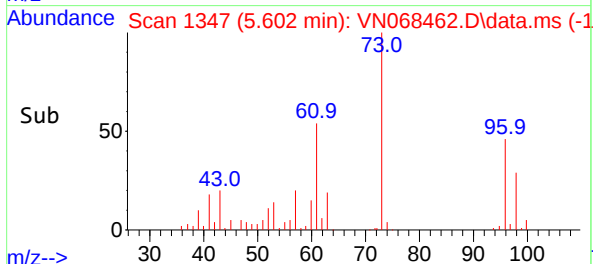
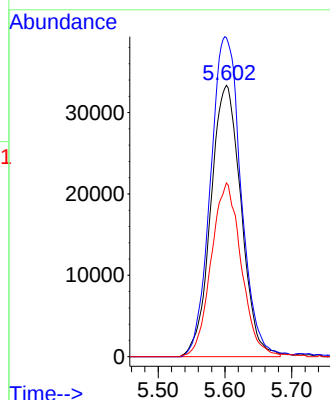
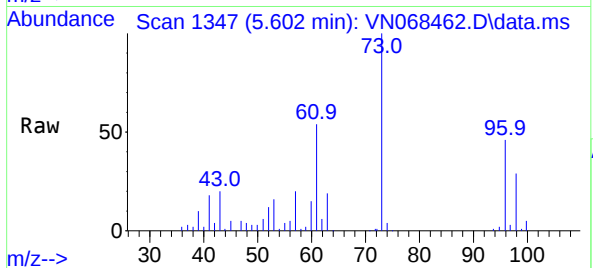
#19
trans-1,2-Dichloroethene
Concen: 18.463 ug/l
RT: 5.602 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01

Tgt Ion: 96 Resp: 10512
Ion Ratio Lower Upper
96 100
61 117.6 92.5 138.7
98 64.0 51.7 77.5

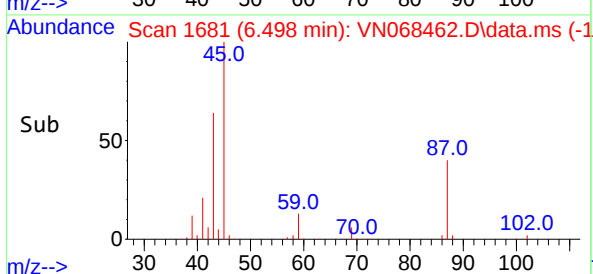
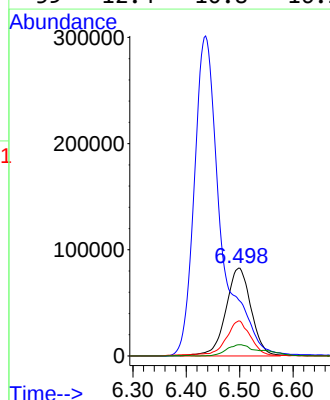
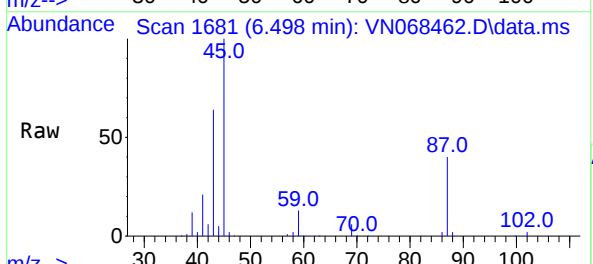
Manual Integrations
APPROVED

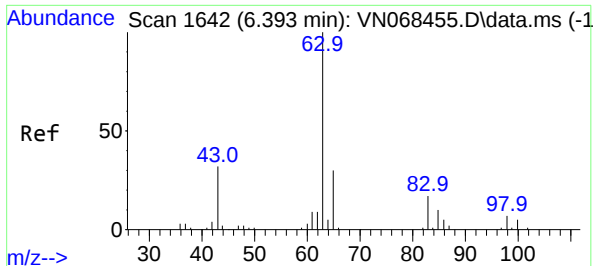
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#20
Diisopropyl ether
Concen: 19.330 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.003 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

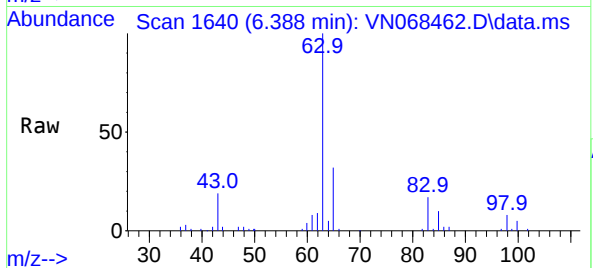
Tgt Ion: 45 Resp: 272051
Ion Ratio Lower Upper
45 100
43 60.5 52.2 78.2
87 39.4 29.8 44.8
59 12.4 10.8 16.2





#21
1,1-Dichloroethane
Concen: 18.857 ug/l
RT: 6.388 min Scan# 1640
Delta R.T. -0.005 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

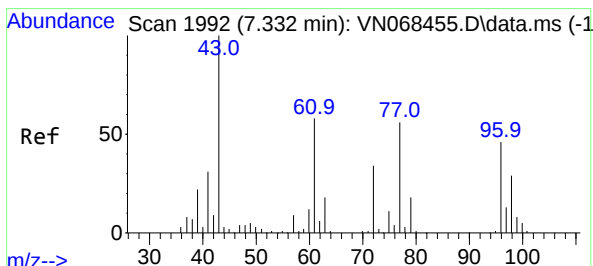
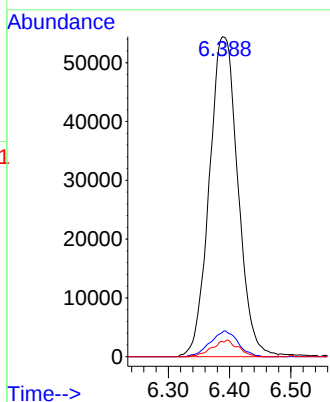
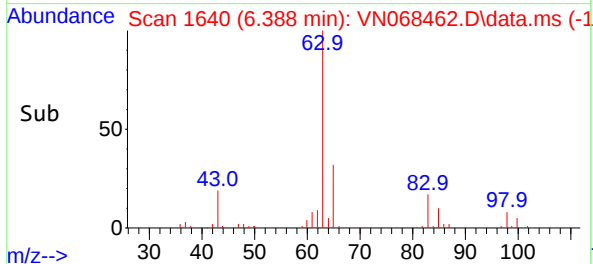
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



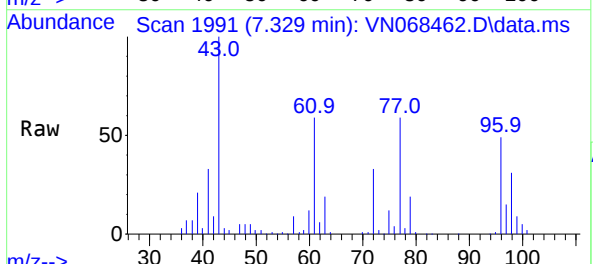
Tgt Ion: 63 Resp: 176388
Ion Ratio Lower Upper
63 100
98 7.6 3.5 10.4
100 4.7 2.5 7.5

Manual Integrations
APPROVED

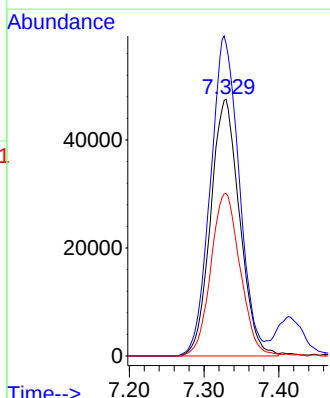
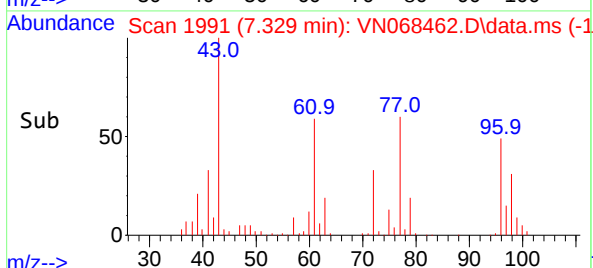
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

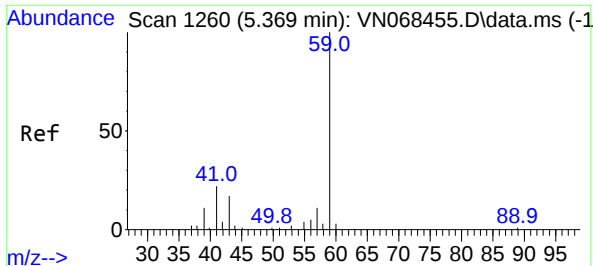


#22
cis-1,2-Dichloroethene
Concen: 18.690 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. -0.003 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17



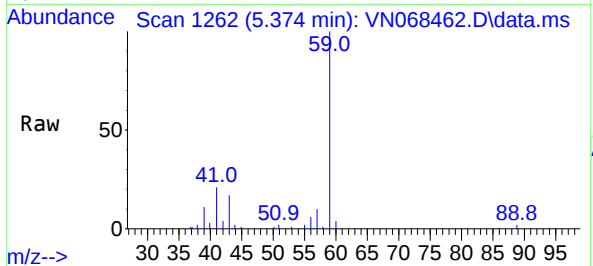
Tgt Ion: 96 Resp: 127947
Ion Ratio Lower Upper
96 100
61 123.6 102.3 153.5
98 64.0 52.3 78.5





#23
tert-Butyl Alcohol
Concen: 92.871 ug/l m
RT: 5.374 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

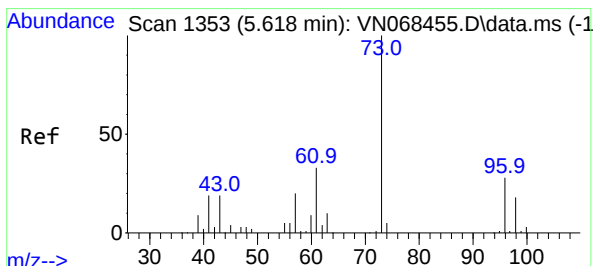
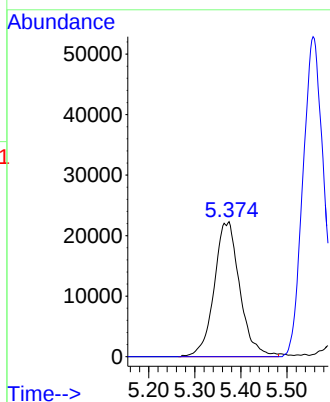
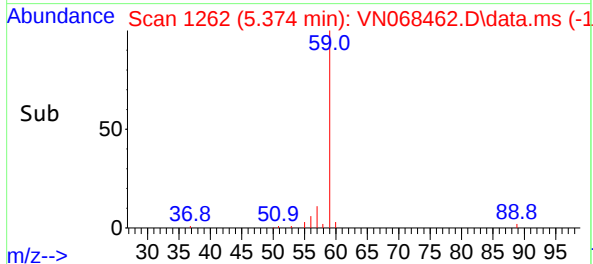
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



Tgt Ion: 59 Resp: 8596
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

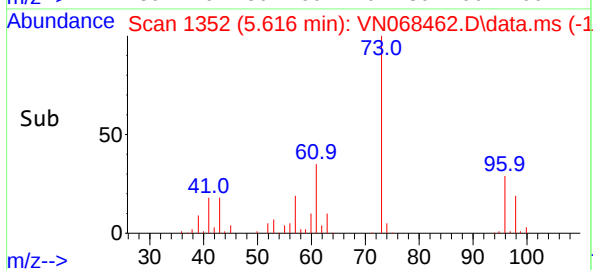
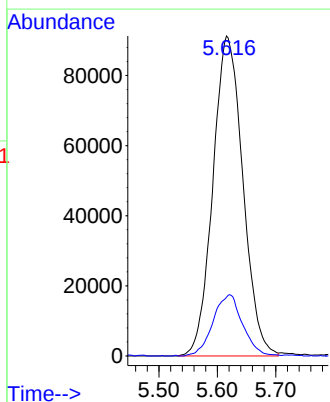
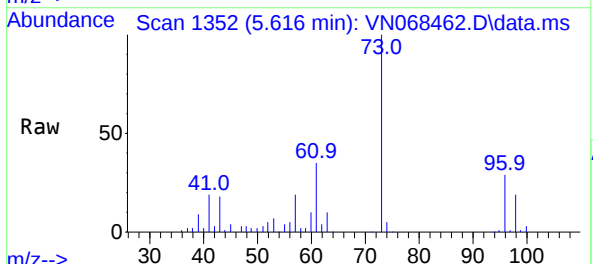
Manual Integrations
APPROVED

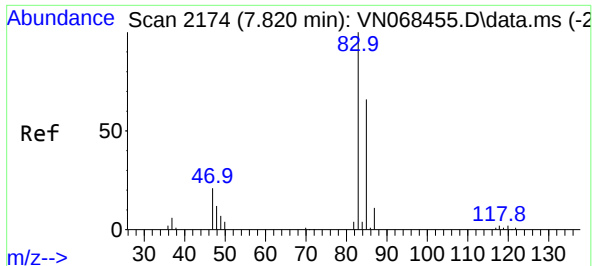
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#24
Methyl tert-Butyl Ether
Concen: 18.806 ug/l
RT: 5.616 min Scan# 1352
Delta R.T. -0.003 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

Tgt Ion: 73 Resp: 325408
Ion Ratio Lower Upper
73 100
43 18.9 14.9 22.3





#25

Chloroform

Concen: 18.937 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN068462.D

Acq: 13 Sep 2021 17:17

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBS01

Tgt Ion: 83 Resp: 211998

Ion Ratio Lower Upper

83 100

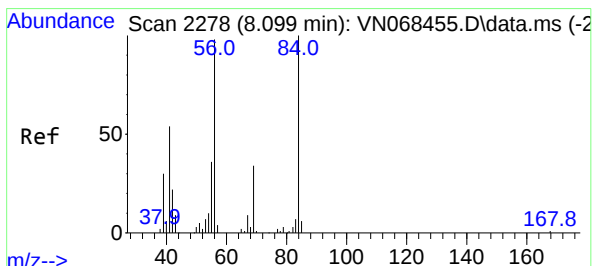
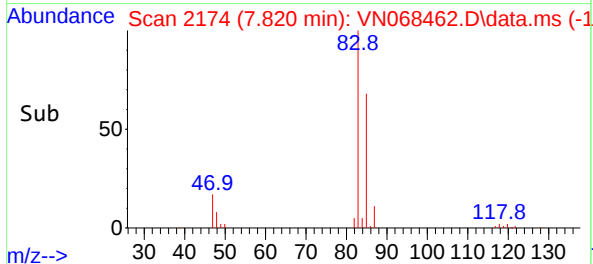
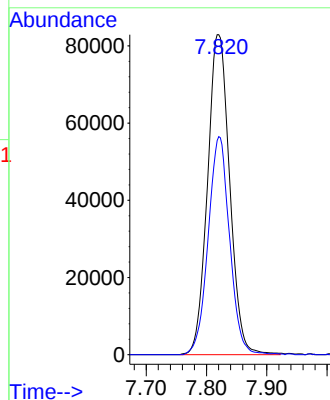
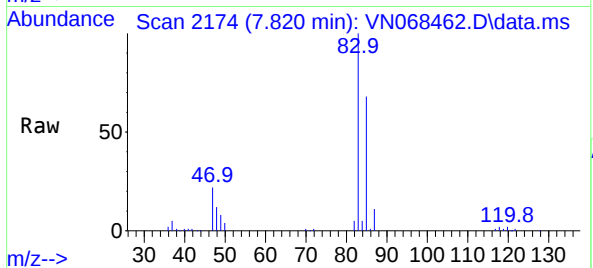
85 68.2 52.6 78.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2021

Supervised By :Mahesh Dadoda 09/14/2021



#26

Cyclohexane

Concen: 19.040 ug/l

RT: 8.096 min Scan# 2277

Delta R.T. -0.003 min

Lab File: VN068462.D

Acq: 13 Sep 2021 17:17

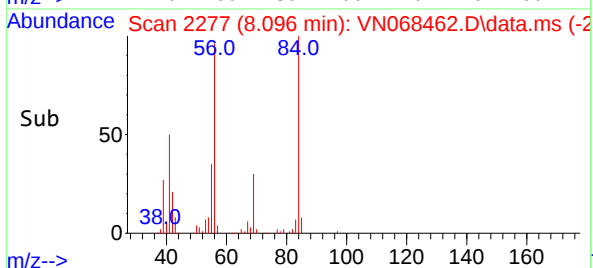
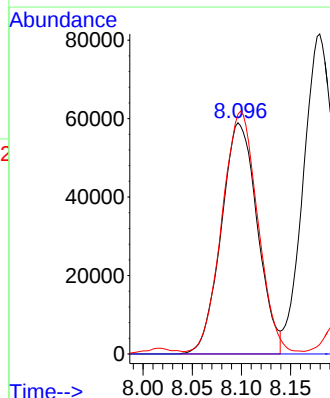
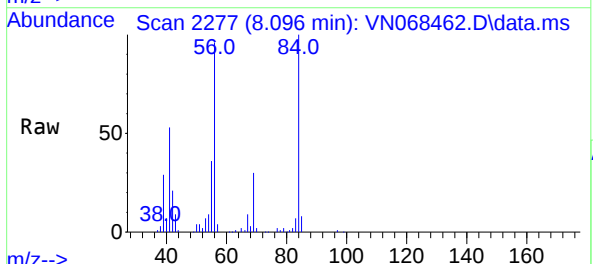
Tgt Ion: 56 Resp: 150572

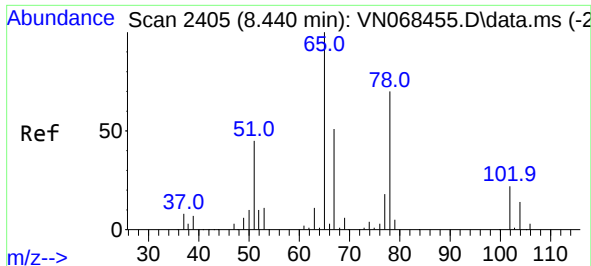
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

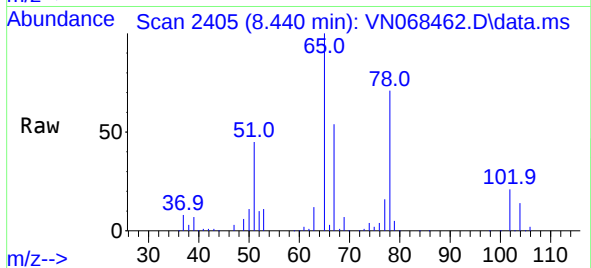
84 104.5 82.8 124.2





#27
1,2-Dichloroethane-d4
Concen: 31.313 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

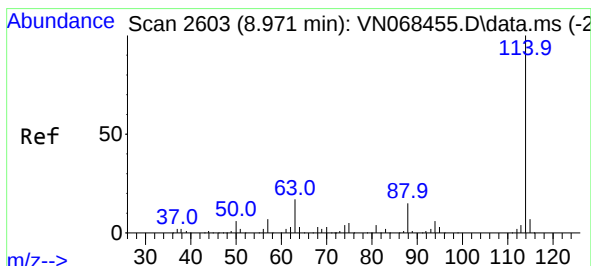
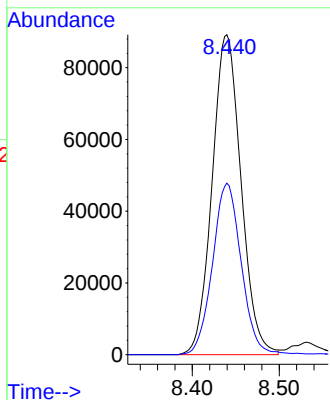
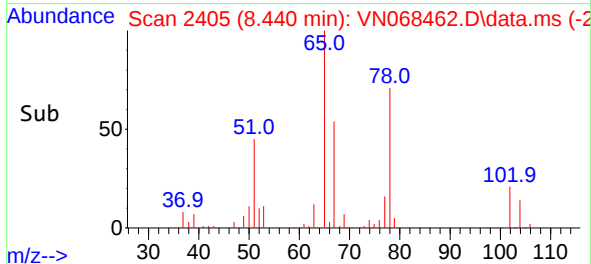
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



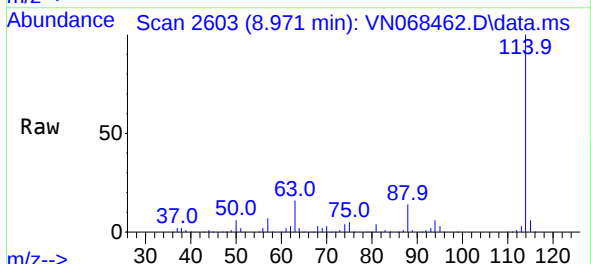
Tgt Ion: 65 Resp: 20621
Ion Ratio Lower Upper
65 100
67 53.1 41.8 62.8

Manual Integrations
APPROVED

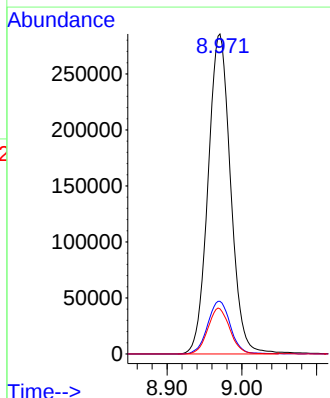
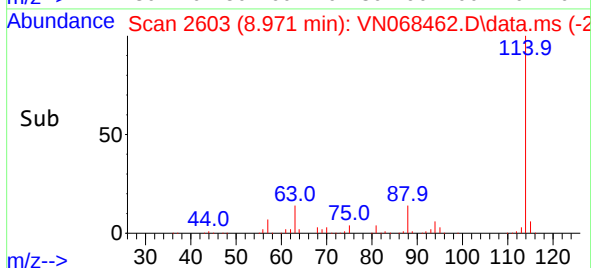
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

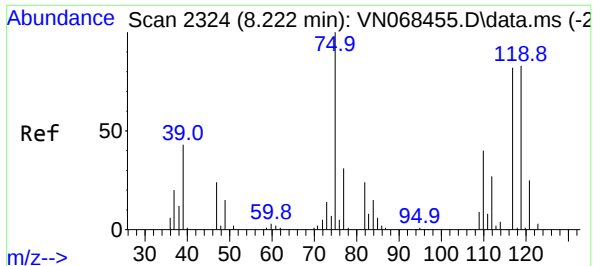


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17



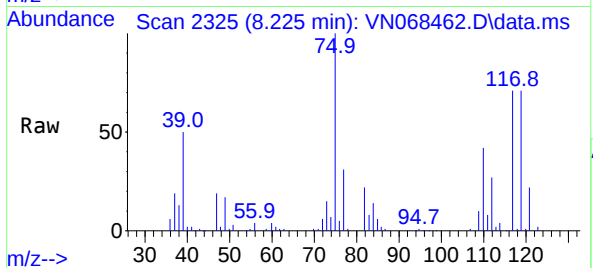
Tgt Ion:114 Resp: 596641
Ion Ratio Lower Upper
114 100
63 16.7 13.4 20.0
88 14.1 11.1 16.7





#29
1,1-Dichloropropene
Concen: 18.426 ug/l
RT: 8.225 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

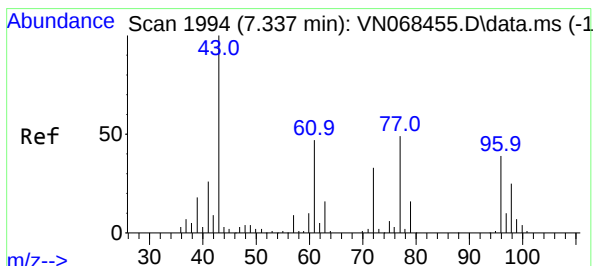
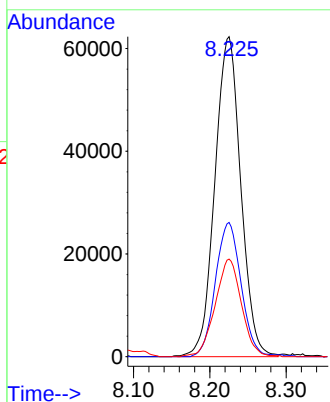
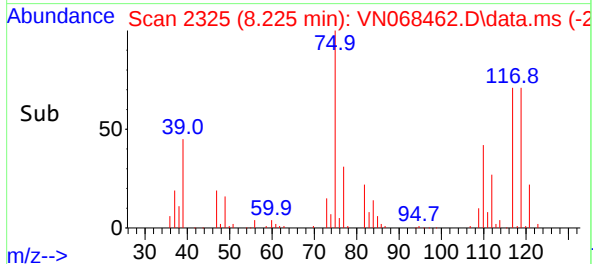
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



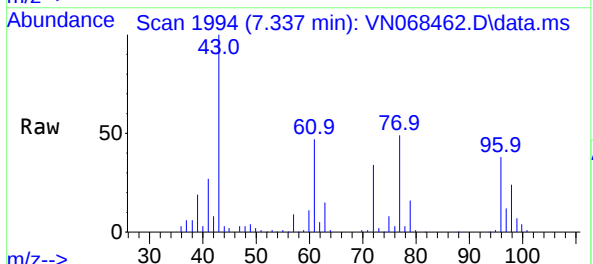
Tgt Ion: 75 Resp: 147345
Ion Ratio Lower Upper
75 100
110 41.4 0.0 82.2
77 30.8 0.0 60.0

Manual Integrations
APPROVED

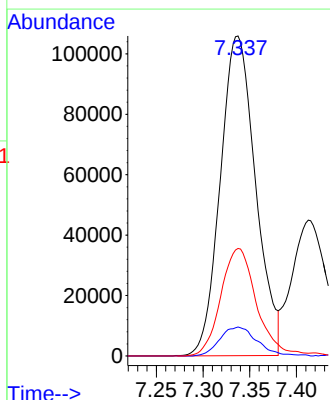
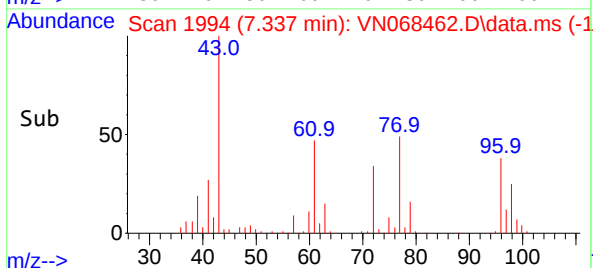
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

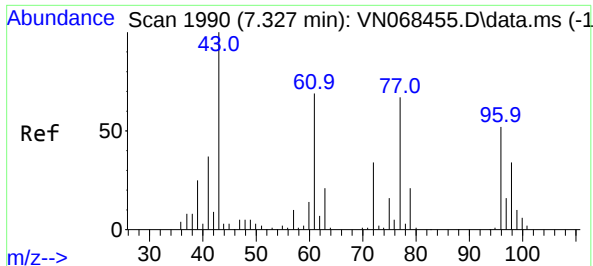


#30
2-Butanone
Concen: 91.278 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17



Tgt Ion: 43 Resp: 278595
Ion Ratio Lower Upper
43 100
57 9.4 3.2 4.8#
72 34.0 26.6 39.8





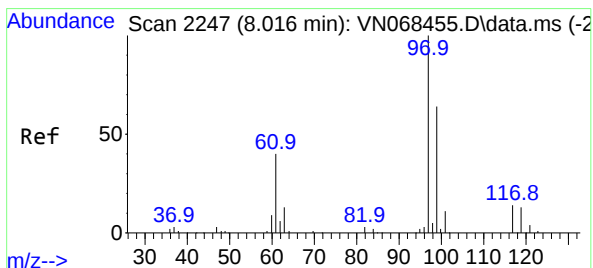
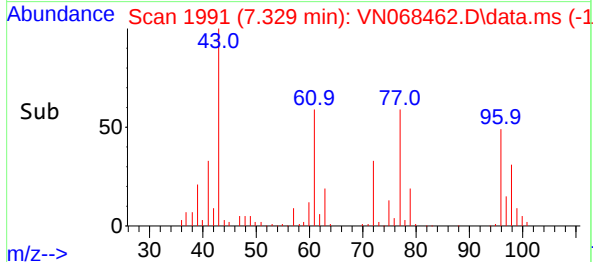
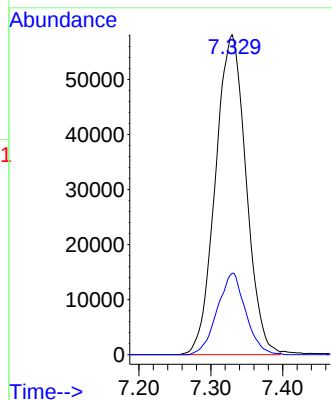
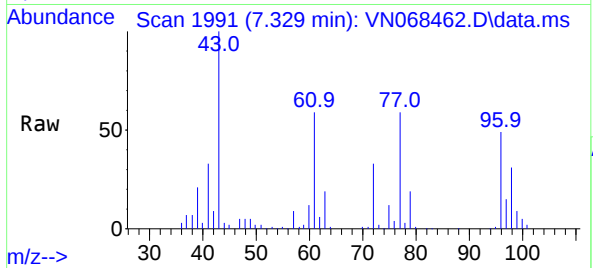
#31
2,2-Dichloropropane
Concen: 18.702 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.003 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01

Tgt Ion: 77 Resp: 17210
Ion Ratio Lower Upper
77 100
97 23.6 18.6 28.0

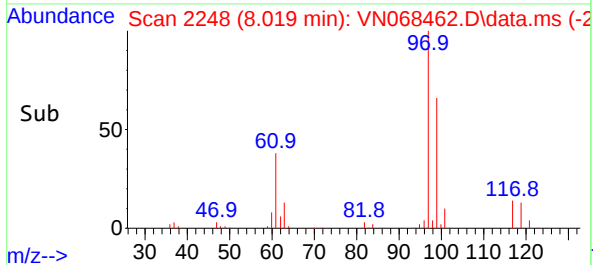
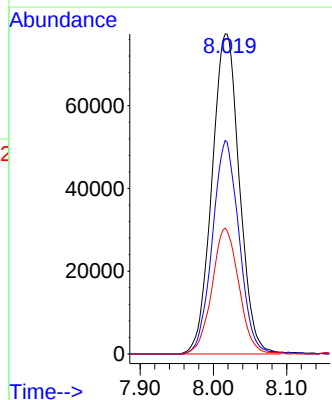
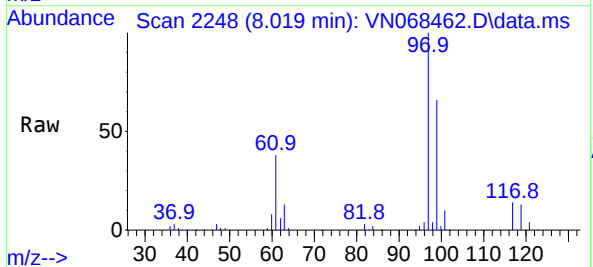
Manual Integrations
APPROVED

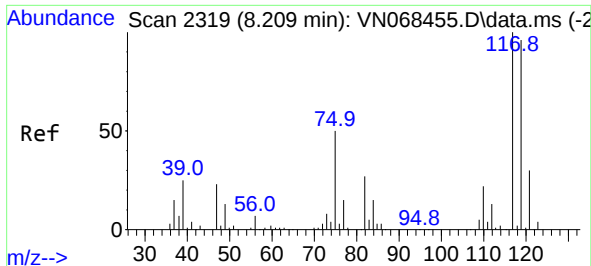
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#32
1,1,1-Trichloroethane
Concen: 18.532 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. 0.003 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

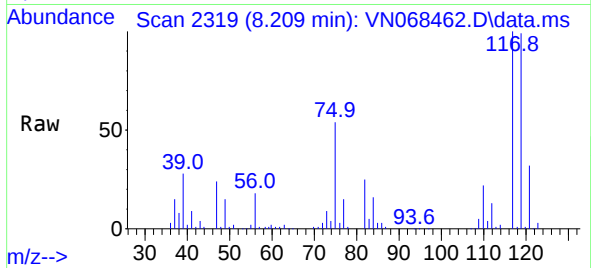
Tgt Ion: 97 Resp: 201252
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.2
61 38.4 31.4 47.0





#33
Carbon Tetrachloride
Concen: 18.285 ug/l
RT: 8.209 min Scan# 2117
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

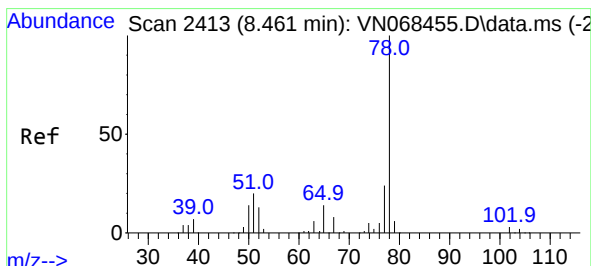
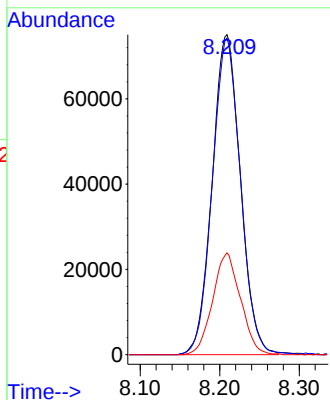
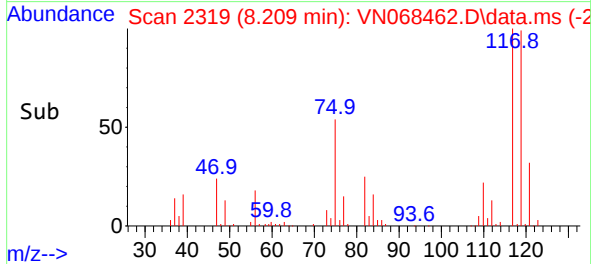
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



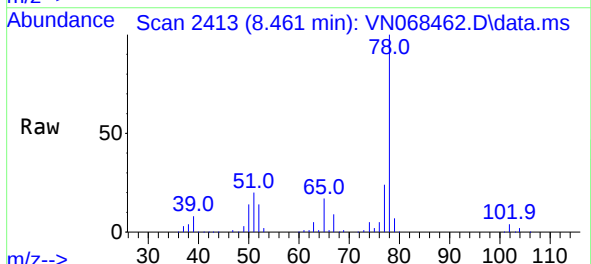
Tgt Ion: 117 Resp: 185600
Ion Ratio Lower Upper
117 100
119 98.9 76.8 115.2
121 32.1 24.4 36.6

Manual Integrations
APPROVED

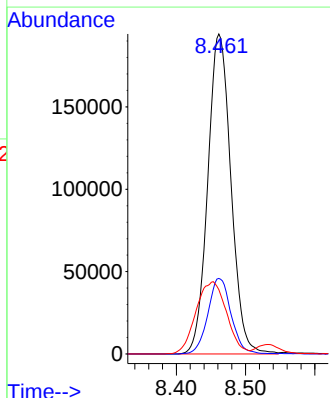
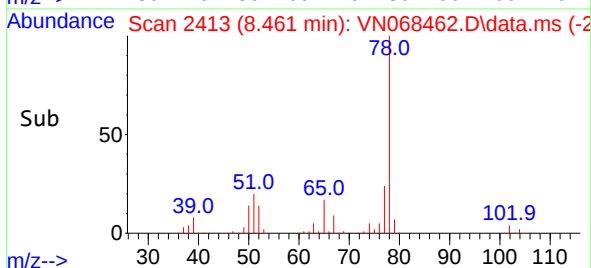
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

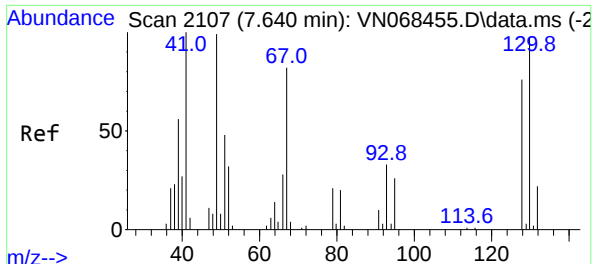


#34
Benzene
Concen: 18.559 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17



Tgt Ion: 78 Resp: 452577
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8
51 19.2 15.8 23.6





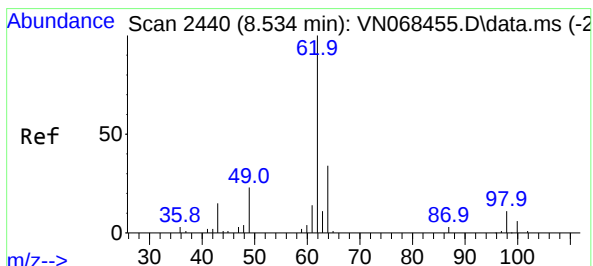
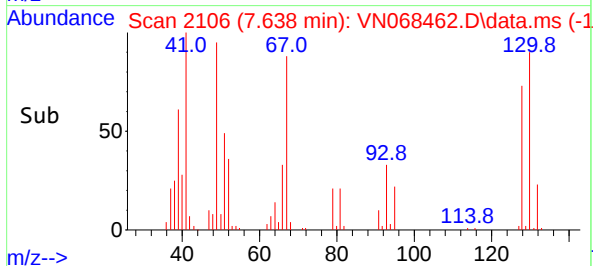
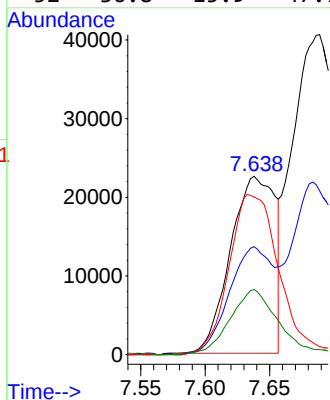
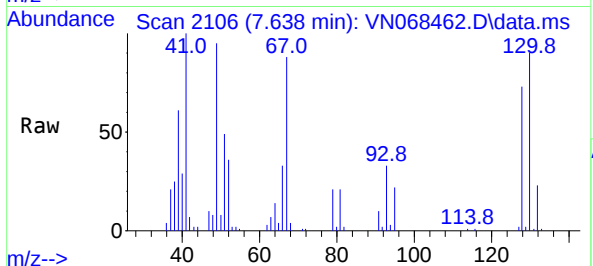
#35
Methacrylonitrile
Concen: 18.353 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.003 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01

Tgt Ion: 41 Resp: 54029
Ion Ratio Lower Upper
41 100
39 61.1 28.2 84.6
67 89.1 40.8 122.5
52 36.8 15.9 47.7

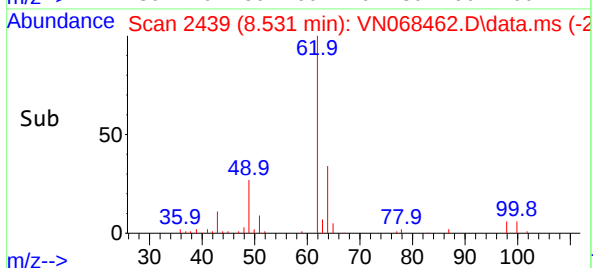
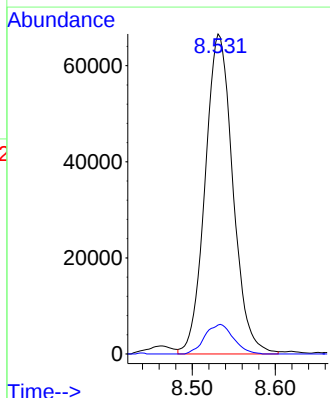
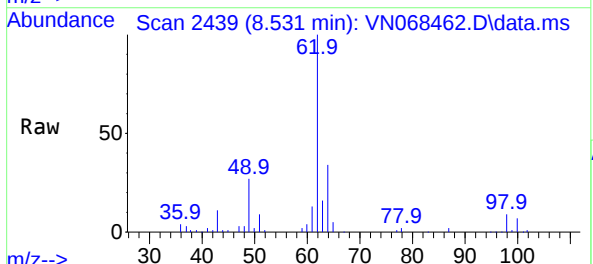
Manual Integrations
APPROVED

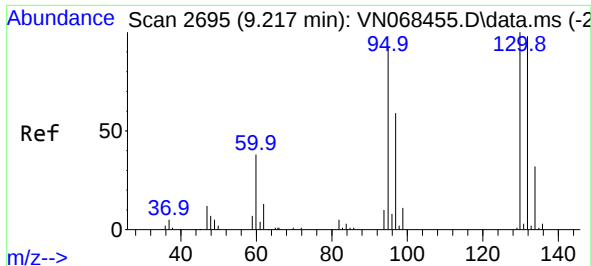
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#36
1,2-Dichloroethane
Concen: 18.843 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.003 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

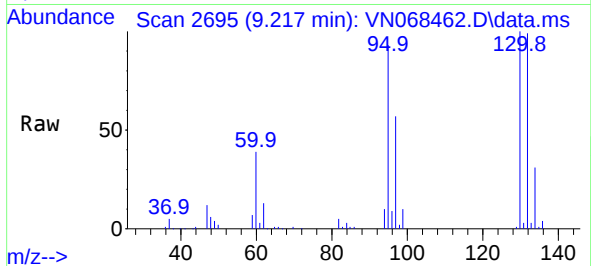
Tgt Ion: 62 Resp: 154715
Ion Ratio Lower Upper
62 100
98 9.5 7.8 11.8





#37
Trichloroethene
Concen: 18.182 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

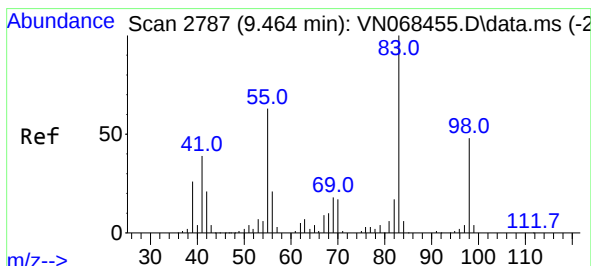
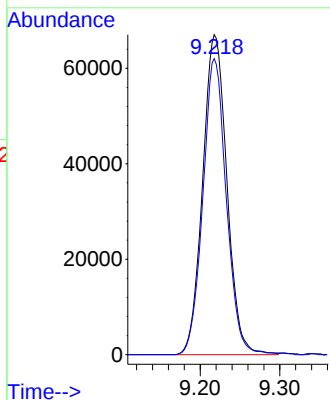
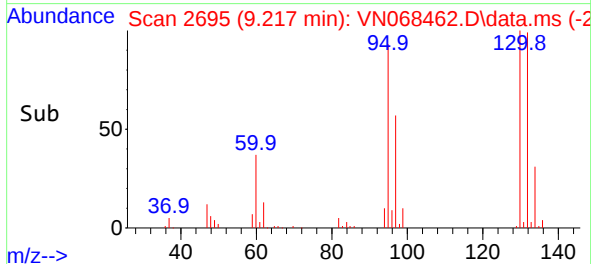
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



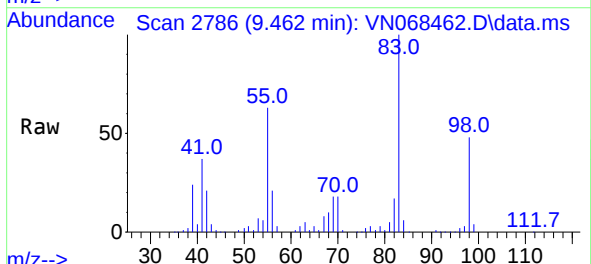
Tgt Ion:130 Resp: 142073
Ion Ratio Lower Upper
130 100
95 92.3 73.4 110.0

Manual Integrations
APPROVED

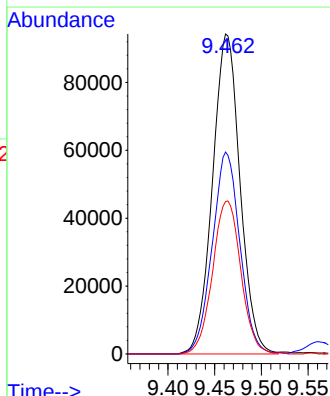
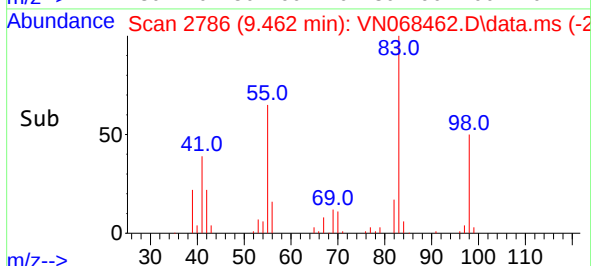
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

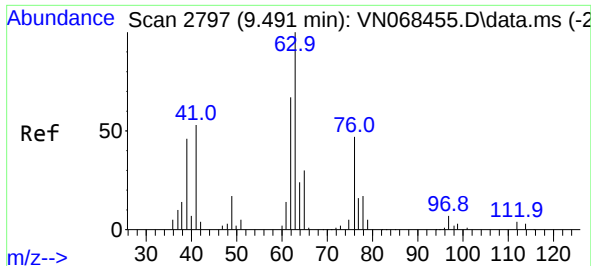


#38
Methylcyclohexane
Concen: 18.836 ug/l
RT: 9.462 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17



Tgt Ion: 83 Resp: 193618
Ion Ratio Lower Upper
83 100
55 63.4 32.1 96.3
98 49.0 24.0 72.0





#39

1,2-Dichloropropane

Concen: 18.515 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN068462.D

Acq: 13 Sep 2021 17:17

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBS01

Tgt Ion: 63 Resp: 10626

Ion Ratio Lower Upper

63 100

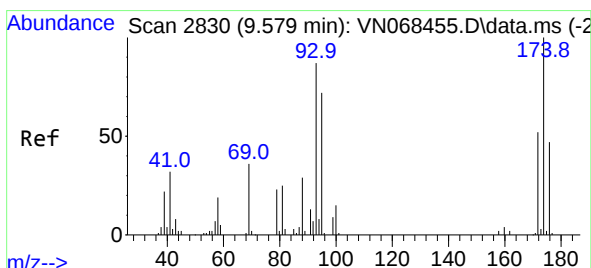
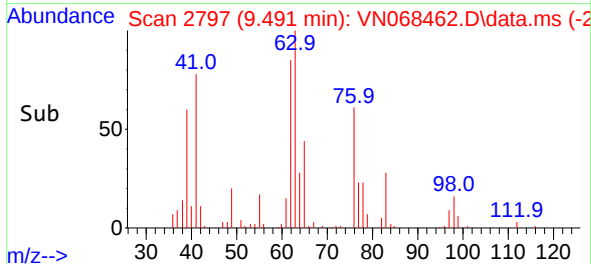
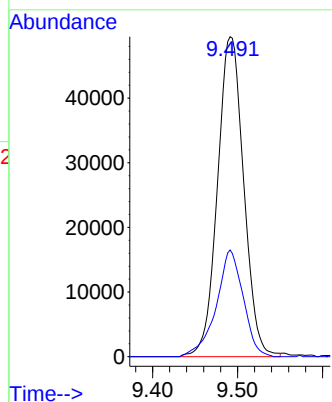
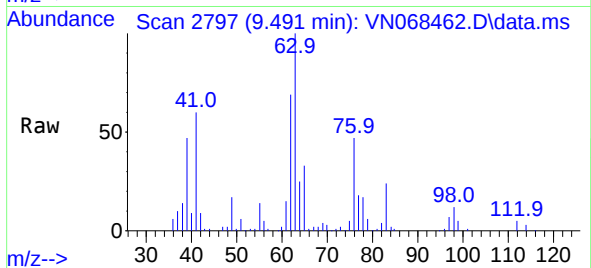
65 33.3 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2021

Supervised By :Mahesh Dadoda 09/14/2021



#40

Dibromomethane

Concen: 18.372 ug/l

RT: 9.580 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VN068462.D

Acq: 13 Sep 2021 17:17

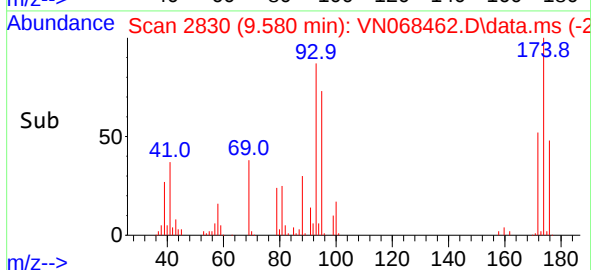
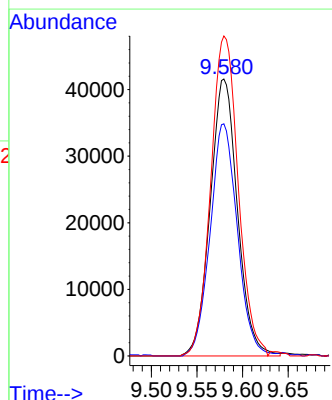
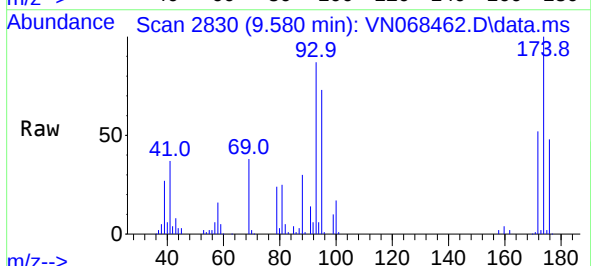
Tgt Ion: 93 Resp: 86634

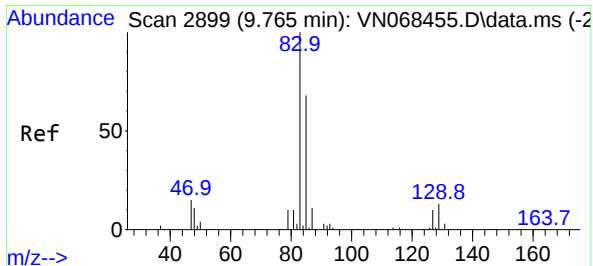
Ion Ratio Lower Upper

93 100

95 83.4 0.0 165.2

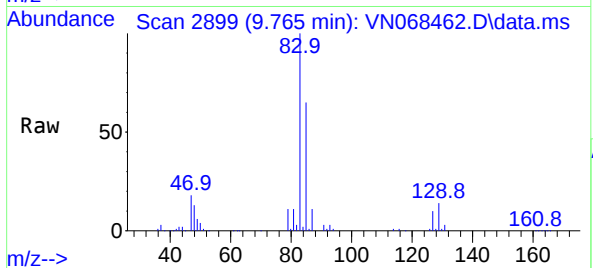
174 116.1 0.0 231.8





#41
Bromodichloromethane
Concen: 17.980 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

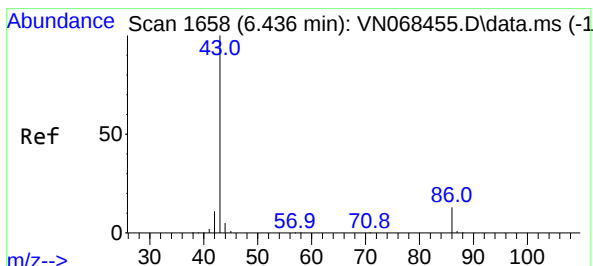
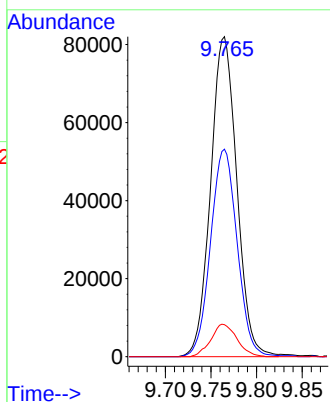
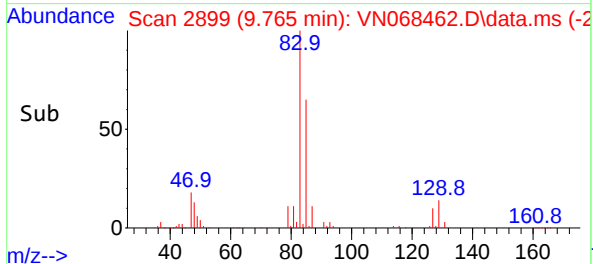
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



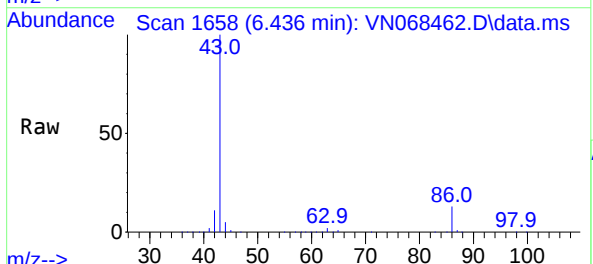
Tgt Ion: 83 Resp: 163850
Ion Ratio Lower Upper
83 100
85 64.8 54.1 81.1
127 10.0 8.8 13.2

Manual Integrations
APPROVED

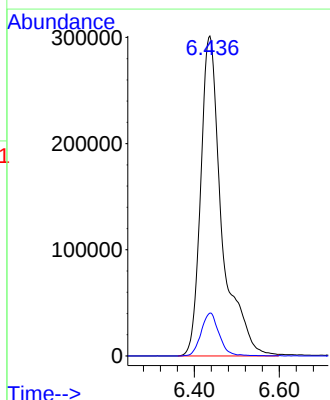
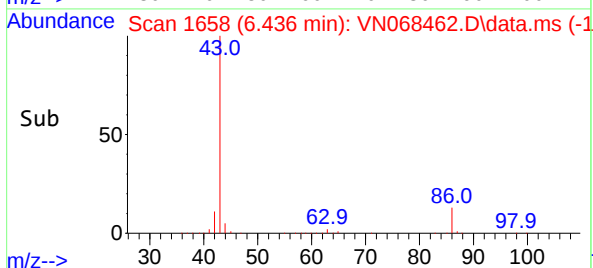
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

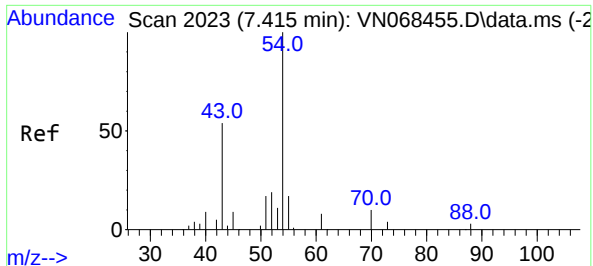


#42
Vinyl Acetate
Concen: 92.706 ug/l
RT: 6.436 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17



Tgt Ion: 43 Resp: 1042522
Ion Ratio Lower Upper
43 100
86 11.1 9.0 13.6





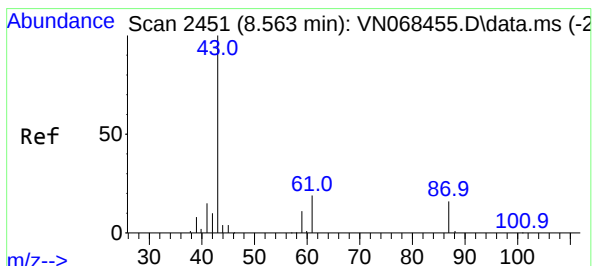
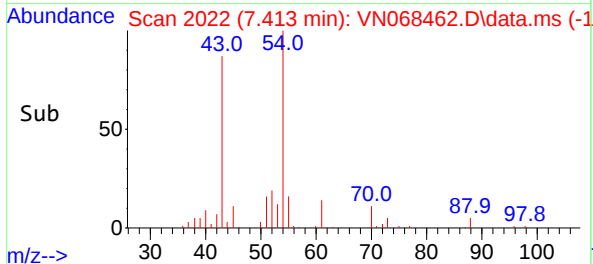
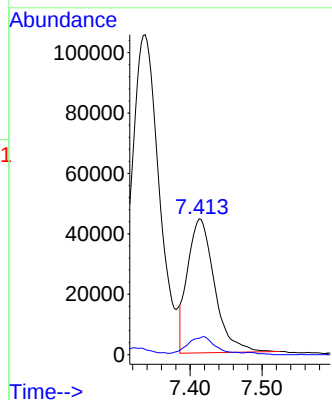
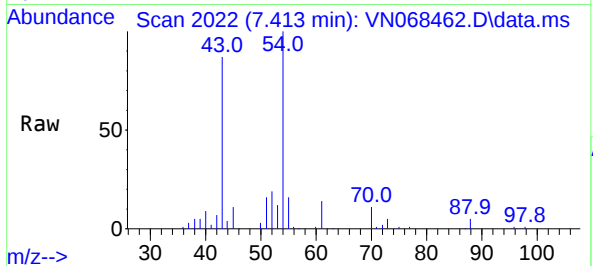
#43
Ethyl Acetate
Concen: 17.946 ug/l
RT: 7.413 min Scan# 2023
Delta R.T. -0.003 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01

Tgt Ion: 43 Resp: 115532
Ion Ratio Lower Upper
43 100
45 11.6 0.4 0.6

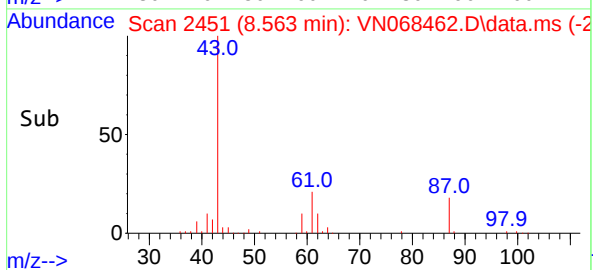
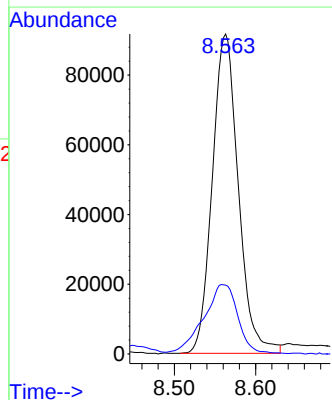
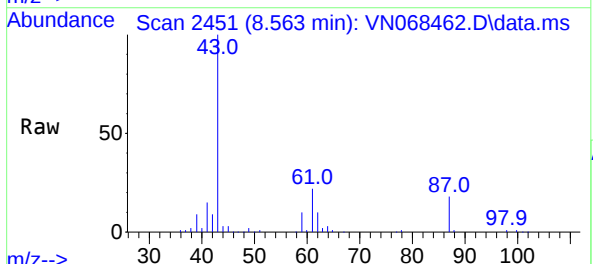
Manual Integrations
APPROVED

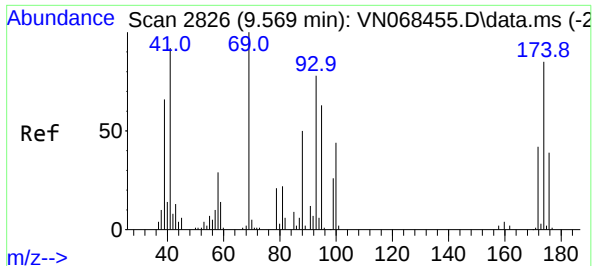
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#44
Isopropyl Acetate
Concen: 18.497 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

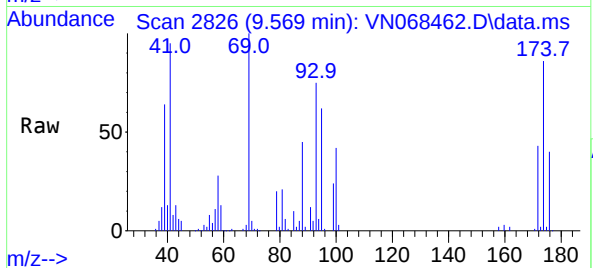
Tgt Ion: 43 Resp: 203824
Ion Ratio Lower Upper
43 100
61 28.9 22.7 34.1





#45
1,4-Dioxane
Concen: 361.284 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

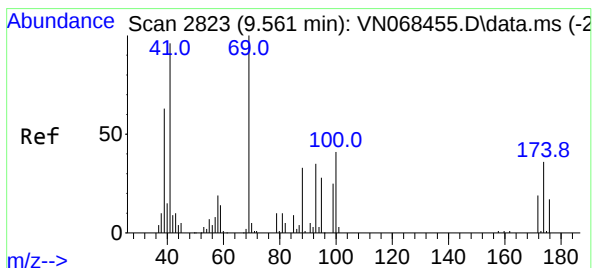
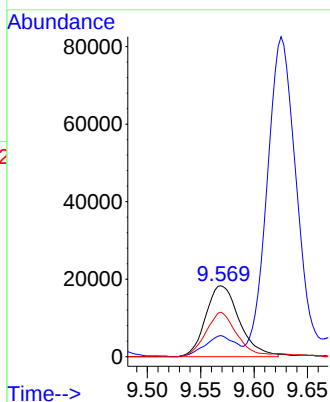
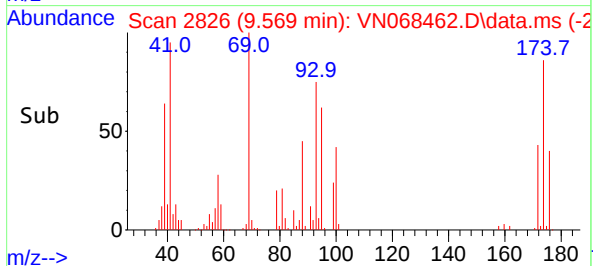
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



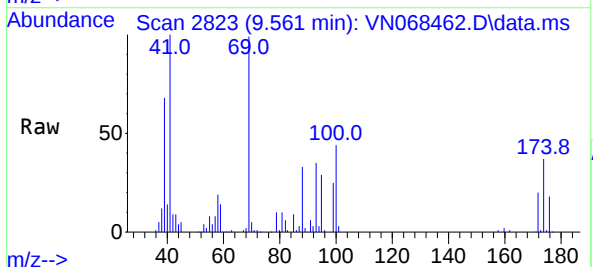
Tgt Ion: 88 Resp: 4025
Ion Ratio Lower Upper
88 100
43 27.3 21.0 31.4
58 57.4 47.0 70.6

Manual Integrations
APPROVED

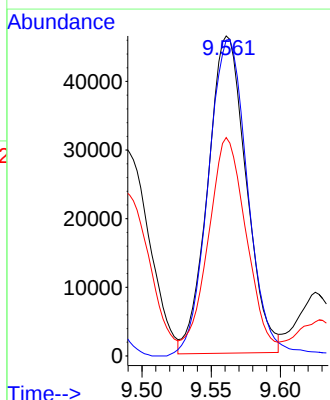
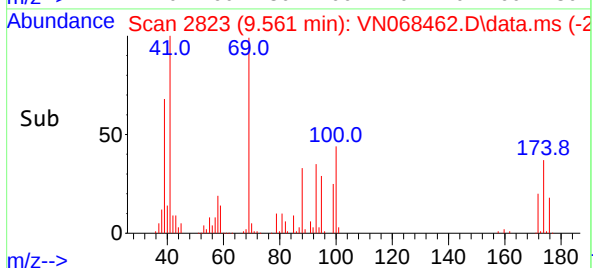
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

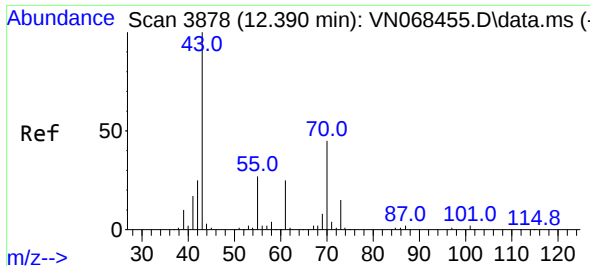


#46
Methyl methacrylate
Concen: 19.970 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17



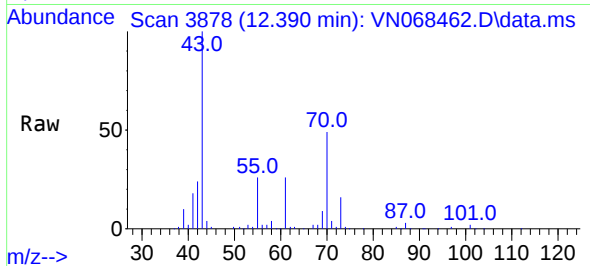
Tgt Ion: 41 Resp: 89010
Ion Ratio Lower Upper
41 100
69 101.9 51.4 154.3
39 67.4 33.1 99.2





#47
n-amy1 Acetate
Concen: 17.642 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

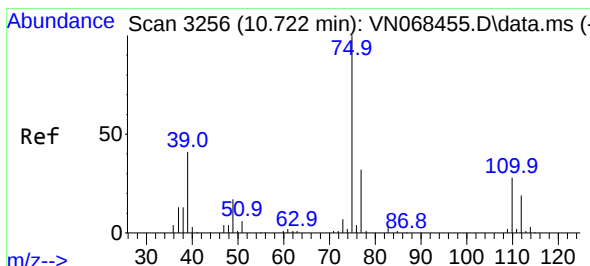
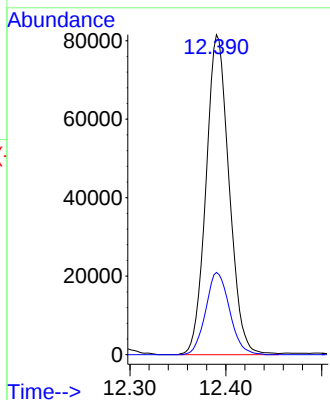
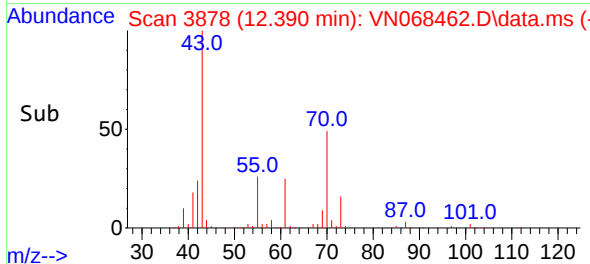
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



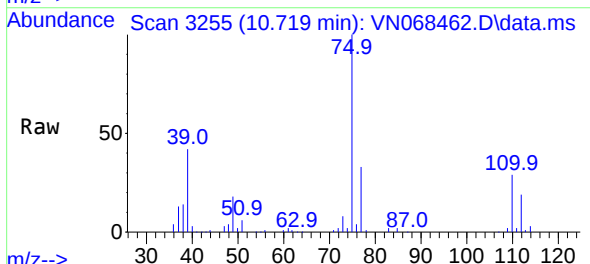
Tgt Ion: 43 Resp: 136498
Ion Ratio Lower Upper
43 100
55 26.6 21.7 32.5

Manual Integrations
APPROVED

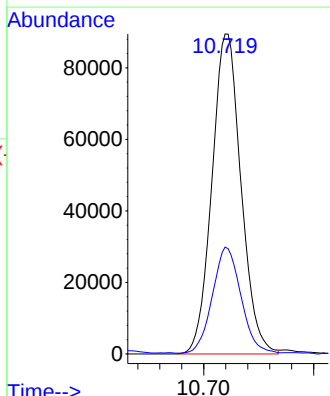
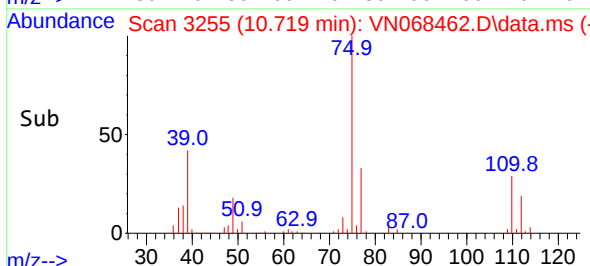
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

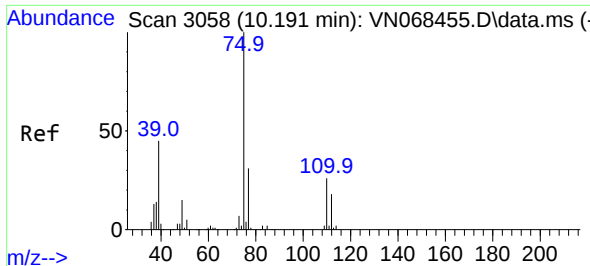


#48
t-1,3-Dichloropropene
Concen: 17.796 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. -0.003 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17



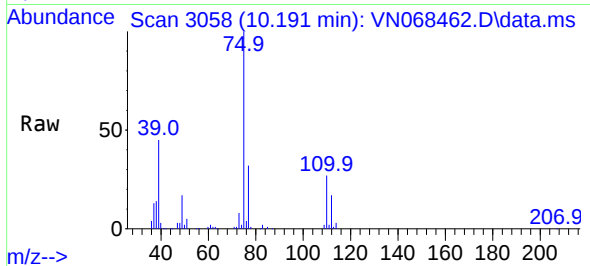
Tgt Ion: 75 Resp: 164199
Ion Ratio Lower Upper
75 100
77 33.2 26.0 39.0





#49
cis-1,3-Dichloropropene
Concen: 17.814 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

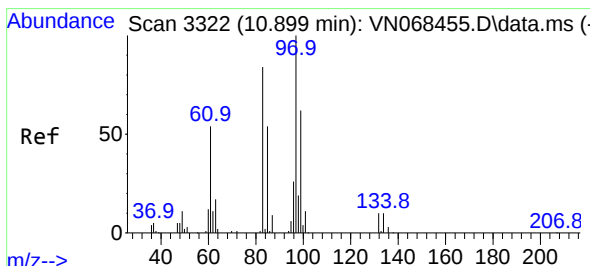
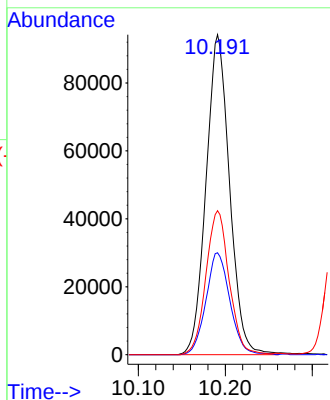
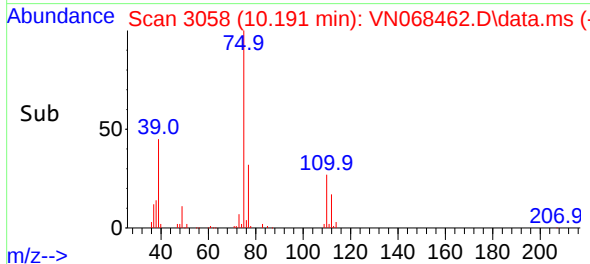
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



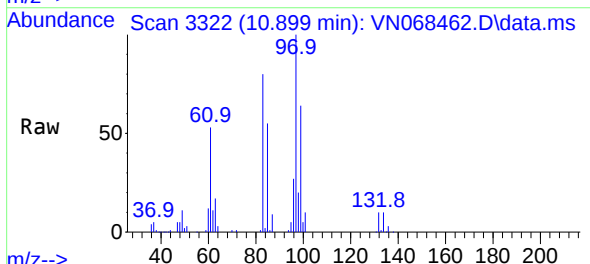
Tgt Ion: 75 Resp: 17665
Ion Ratio Lower Upper
75 100
77 31.8 24.6 36.8
39 45.0 35.9 53.9

Manual Integrations
APPROVED

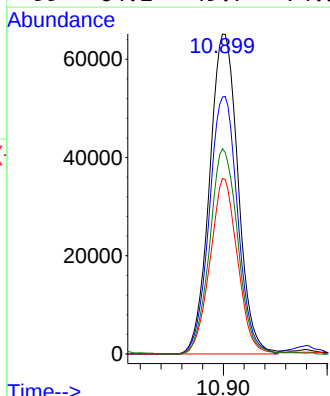
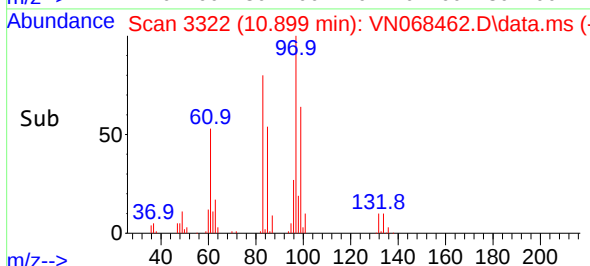
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

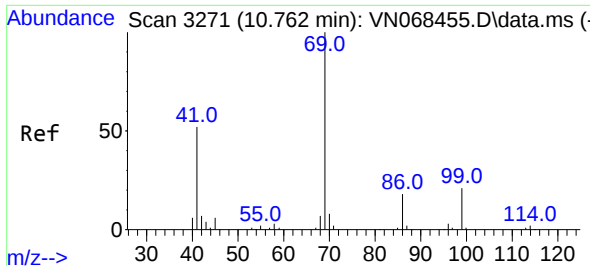


#50
1,1,2-Trichloroethane
Concen: 18.206 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17



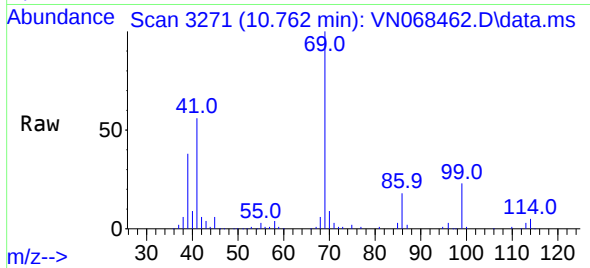
Tgt Ion: 97 Resp: 124063
Ion Ratio Lower Upper
97 100
83 80.3 66.8 100.2
85 54.8 43.5 65.3
99 64.2 49.7 74.5





#51
Ethyl methacrylate
Concen: 17.866 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

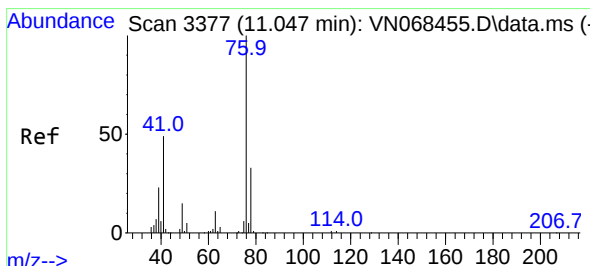
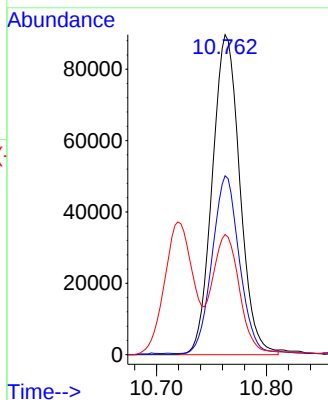
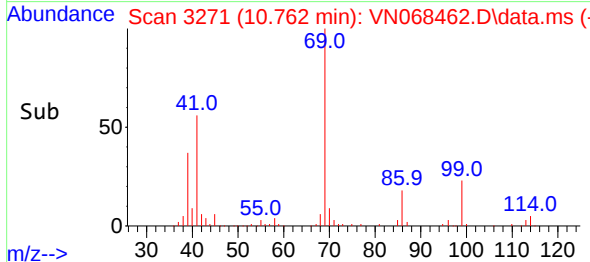
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



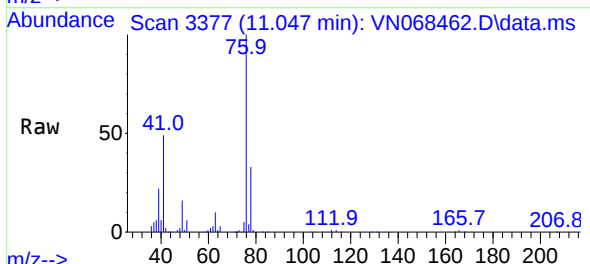
Tgt Ion: 69 Resp: 156314
Ion Ratio Lower Upper
69 100
41 55.5 26.1 78.3
39 36.6 18.0 54.0

Manual Integrations
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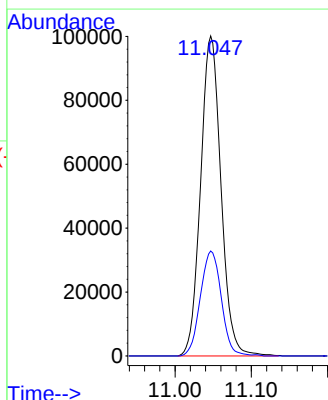
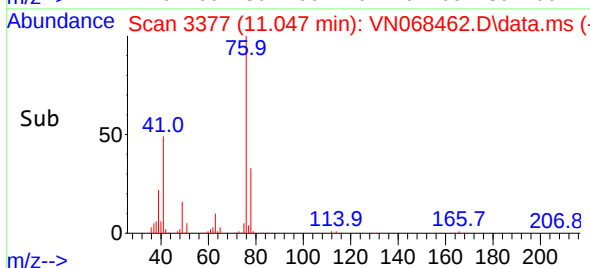
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

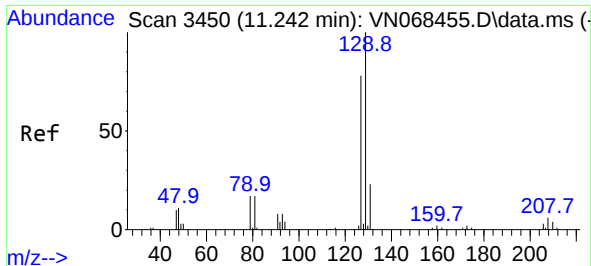


#52
1,3-Dichloropropane
Concen: 18.344 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17



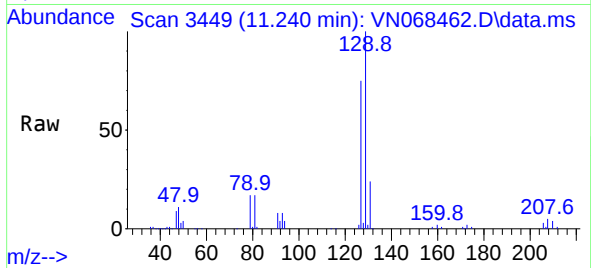
Tgt Ion: 76 Resp: 185899
Ion Ratio Lower Upper
76 100
78 33.6 0.0 66.4





#53
Dibromochloromethane
Concen: 17.766 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.003 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

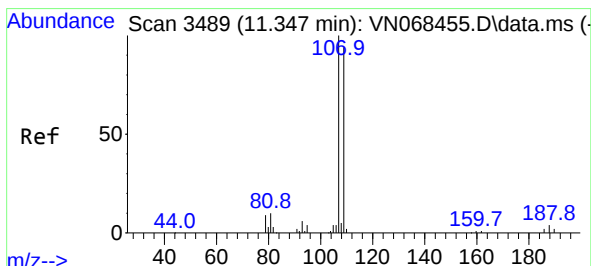
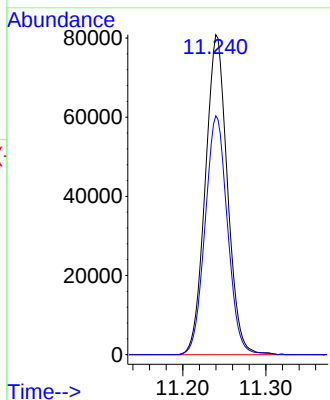
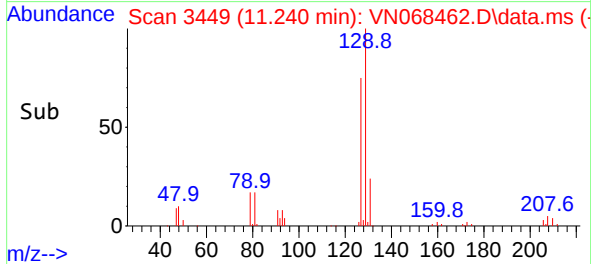
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



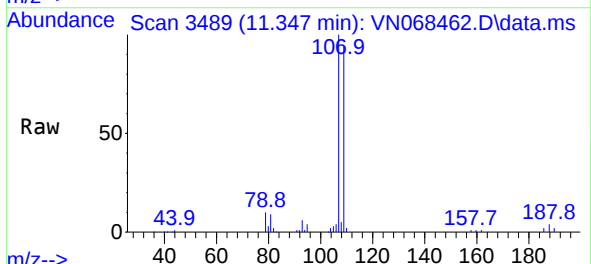
Tgt Ion:129 Resp: 148864
Ion Ratio Lower Upper
129 100
127 75.9 38.5 115.5

Manual Integrations
APPROVED

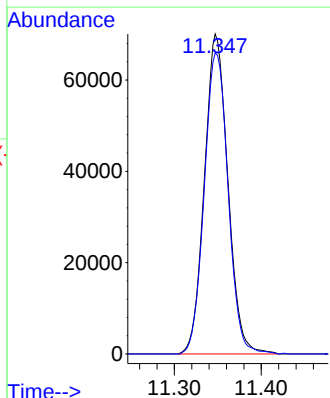
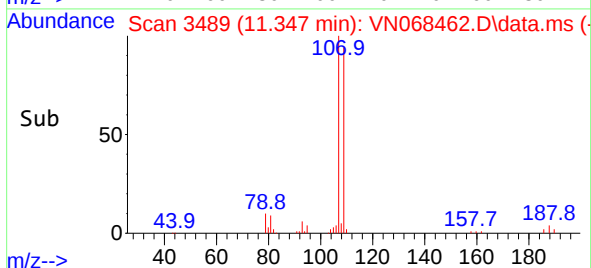
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

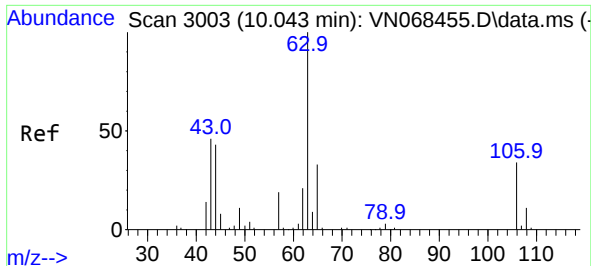


#54
1,2-Dibromoethane
Concen: 18.014 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17



Tgt Ion:107 Resp: 131655
Ion Ratio Lower Upper
107 100
109 95.3 77.0 115.4





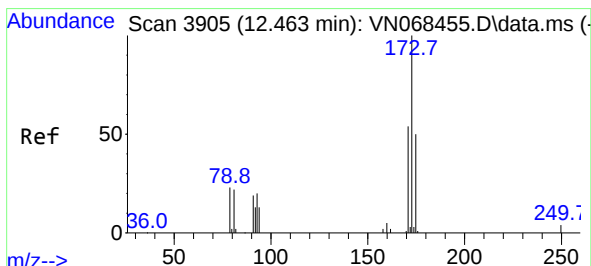
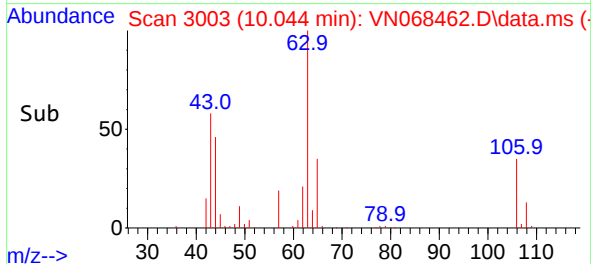
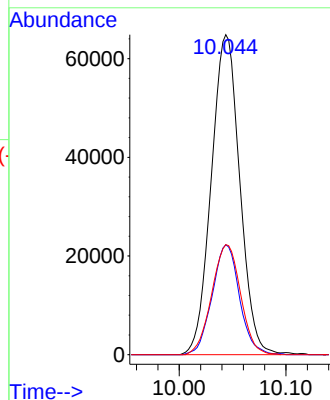
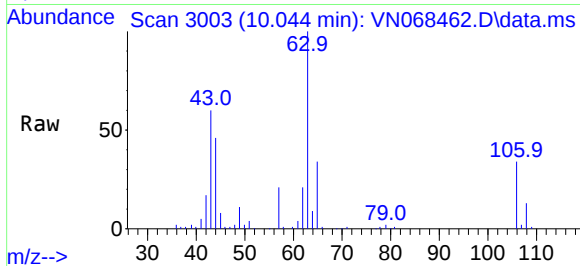
#55
2-Chloroethyl vinyl ether
Concen: 81.056 ug/l
RT: 10.044 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01

Tgt Ion: 63 Resp: 120052
Ion Ratio Lower Upper
63 100
65 33.0 26.2 39.2
106 34.8 27.7 41.5

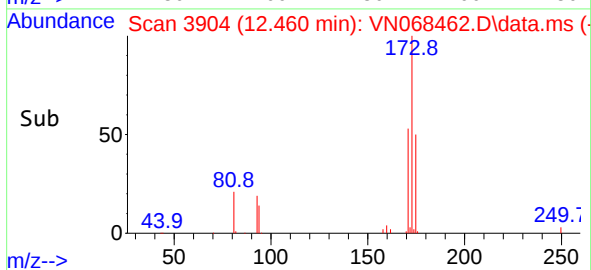
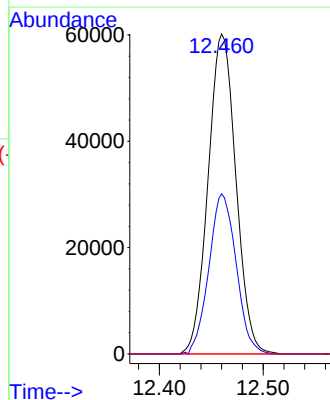
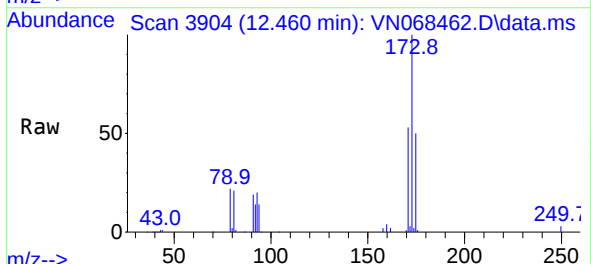
Manual Integrations
APPROVED

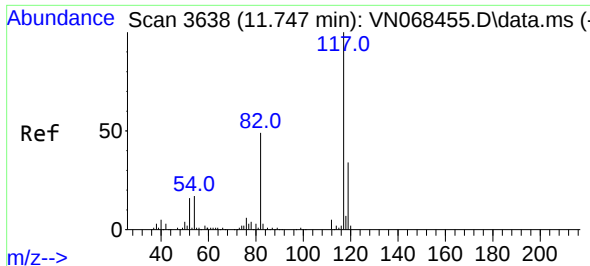
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#56
Bromoform
Concen: 16.655 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

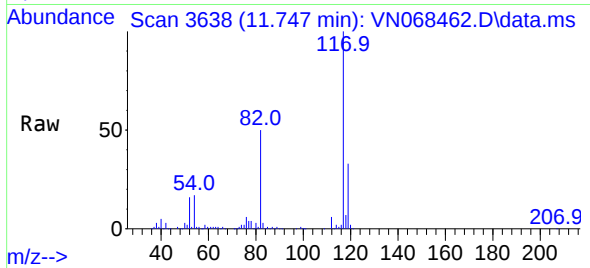
Tgt Ion:173 Resp: 112089
Ion Ratio Lower Upper
173 100
175 49.0 38.8 58.2
254 0.0 0.0 0.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

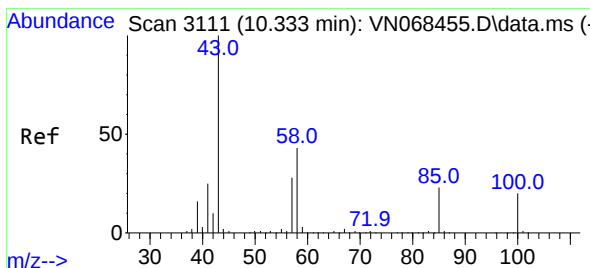
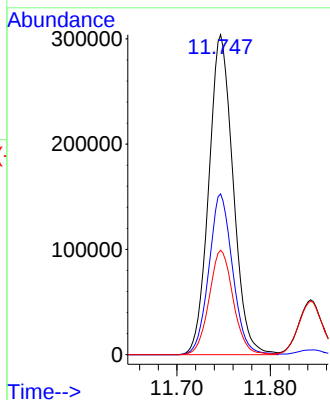
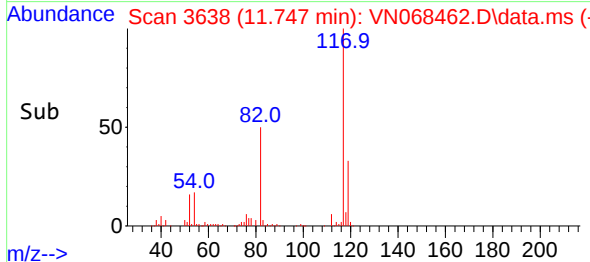
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



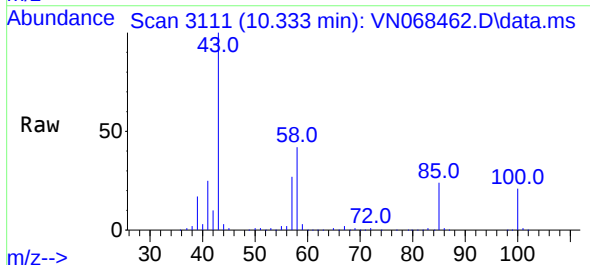
Tgt Ion: 117 Resp: 550364
Ion Ratio Lower Upper
117 100
82 49.1 39.4 59.0
119 32.3 26.2 39.2

Manual Integrations
APPROVED

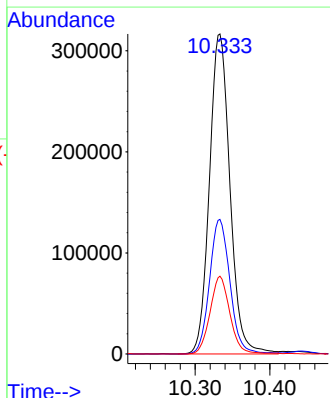
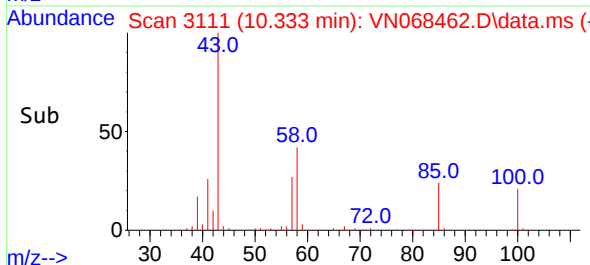
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

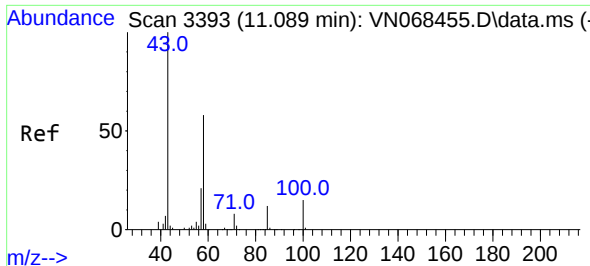


#58
4-Methyl-2-Pentanone
Concen: 93.297 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17



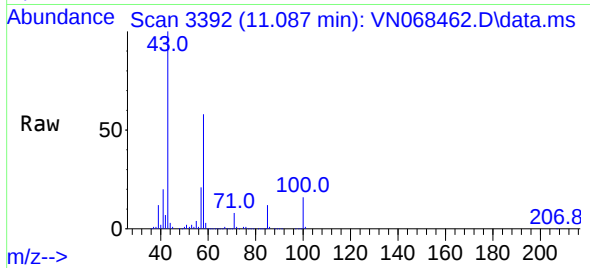
Tgt Ion: 43 Resp: 604443
Ion Ratio Lower Upper
43 100
58 41.8 33.3 49.9
85 23.4 18.6 27.8





#59
2-Hexanone
Concen: 92.151 ug/l
RT: 11.087 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

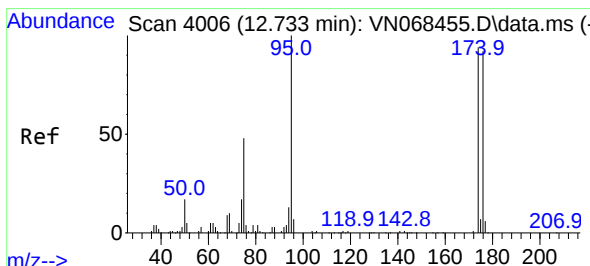
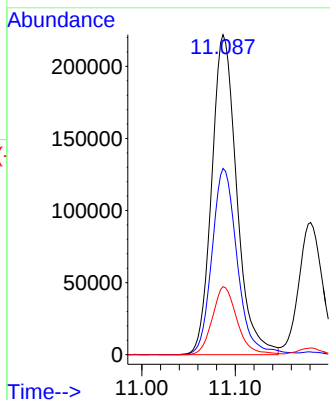
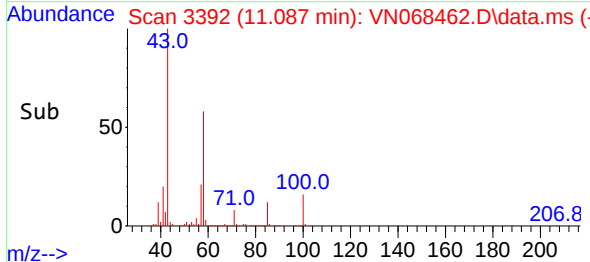
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



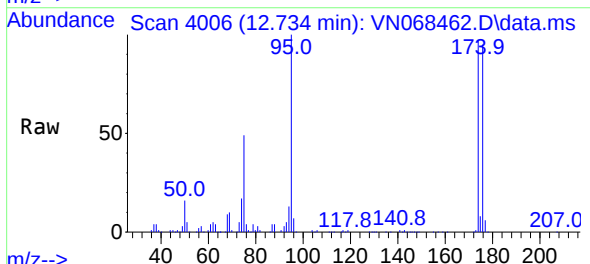
Tgt Ion: 43 Resp: 413772
Ion Ratio Lower Upper
43 100
58 58.7 46.4 69.6
57 21.0 16.6 25.0

Manual Integrations
APPROVED

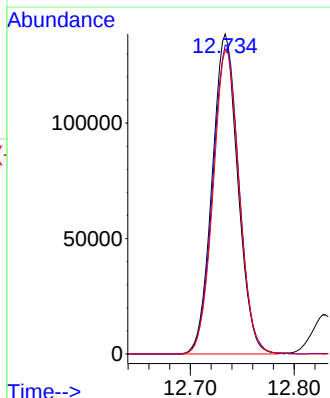
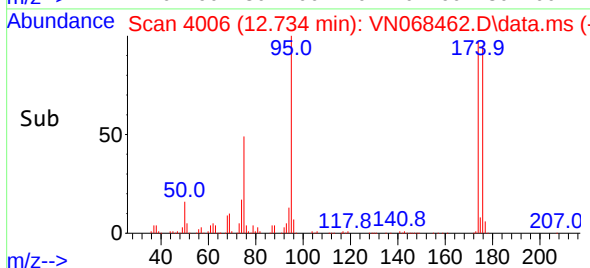
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

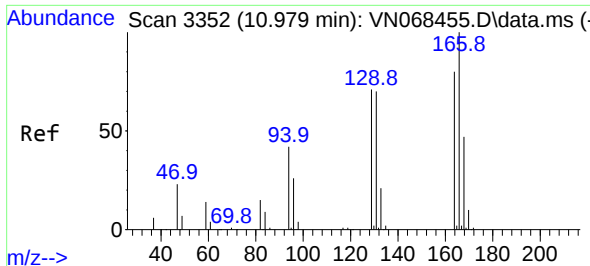


#60
4-Bromofluorobenzene
Concen: 30.467 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17



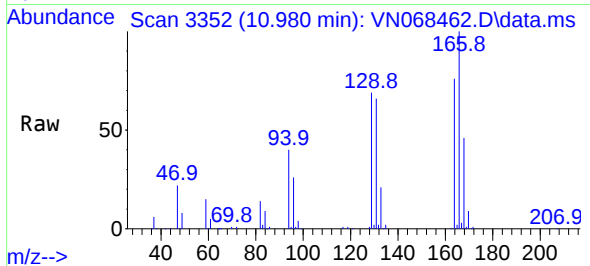
Tgt Ion: 95 Resp: 238997
Ion Ratio Lower Upper
95 100
174 99.1 78.0 117.0
176 96.3 76.4 114.6





#61
Tetrachloroethene
Concen: 18.374 ug/l
RT: 10.980 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

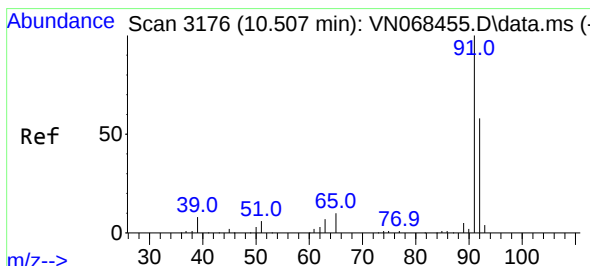
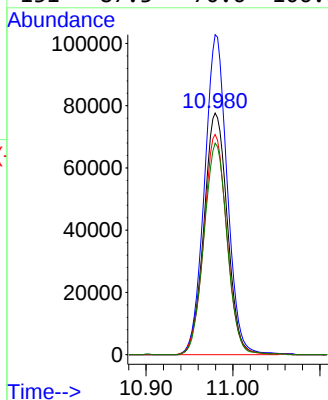
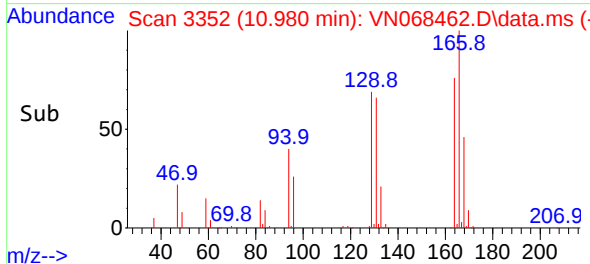
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



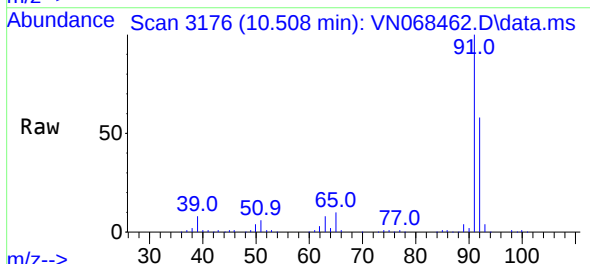
Tgt Ion:164 Resp: 145399
Ion Ratio Lower Upper
164 100
166 132.4 100.4 150.6
129 90.9 71.4 107.0
131 87.3 70.6 106.0

Manual Integrations
APPROVED

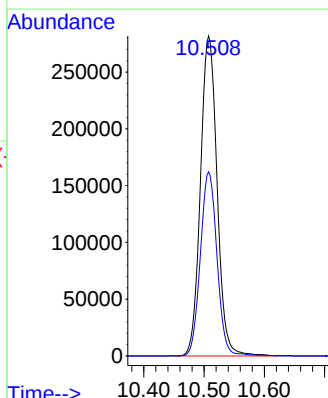
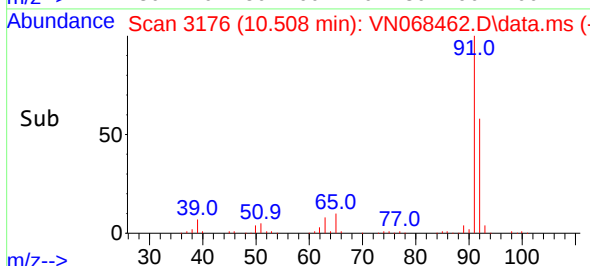
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

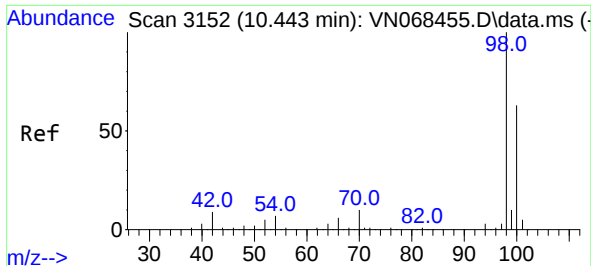


#62
Toluene
Concen: 18.687 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17



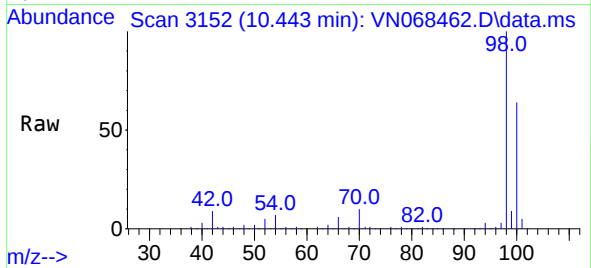
Tgt Ion: 91 Resp: 541299
Ion Ratio Lower Upper
91 100
92 56.9 45.8 68.6





#63
Toluene-d8
Concen: 30.864 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

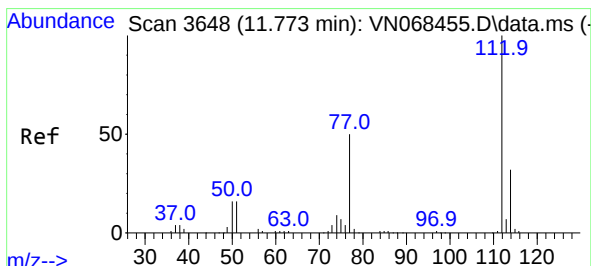
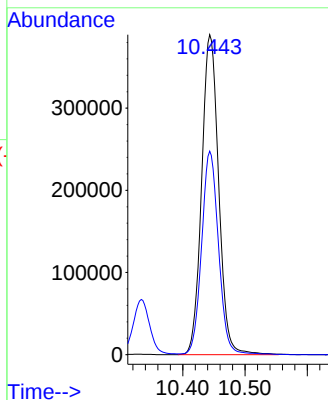
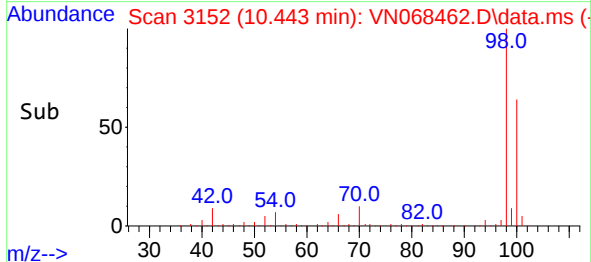
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



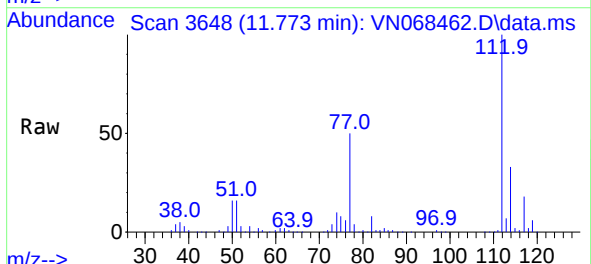
Tgt Ion: 98 Resp: 73895
Ion Ratio Lower Upper
98 100
100 62.0 50.9 76.3

Manual Integrations
APPROVED

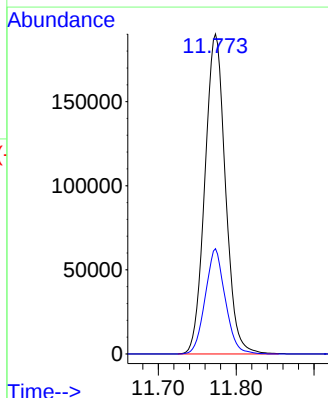
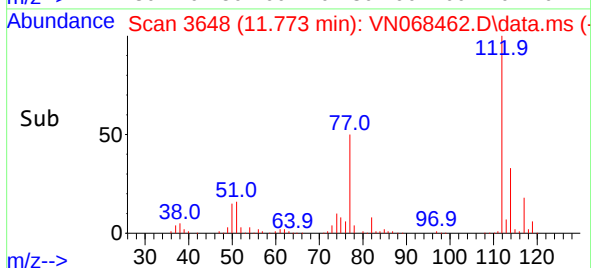
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

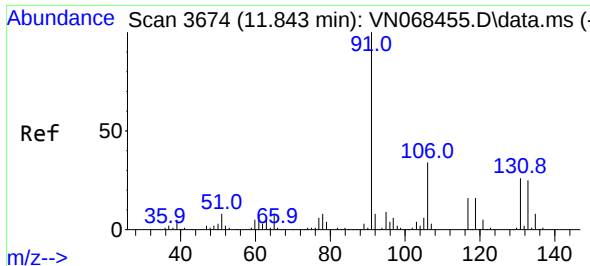


#64
Chlorobenzene
Concen: 18.274 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17



Tgt Ion:112 Resp: 349118
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.6





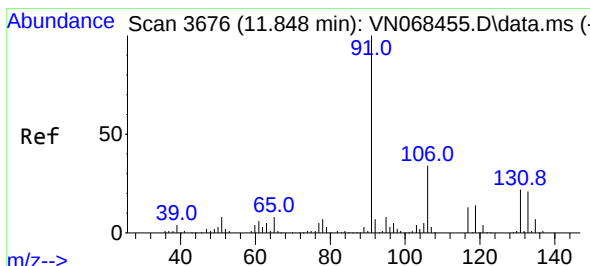
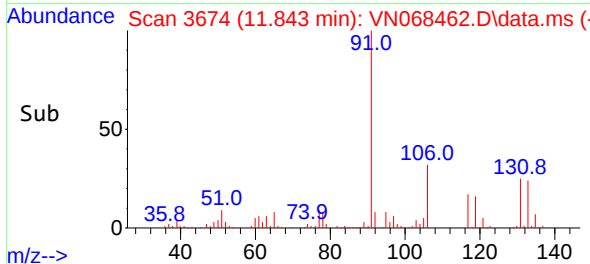
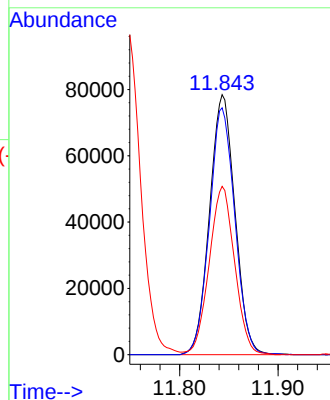
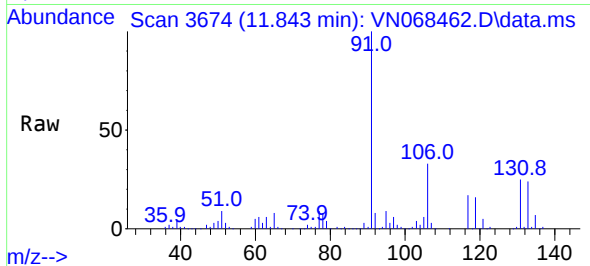
#65
1,1,1,2-Tetrachloroethane
Concen: 18.073 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01

Tgt Ion:131 Resp: 140909
Ion Ratio Lower Upper
131 100
133 94.9 0.0 192.2
119 64.8 0.0 127.0

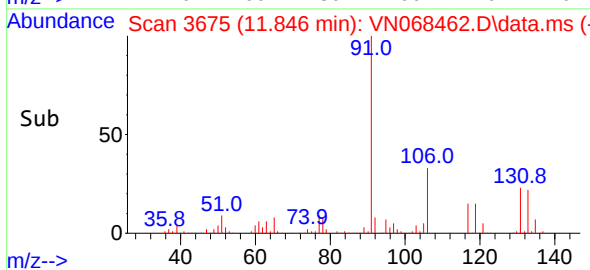
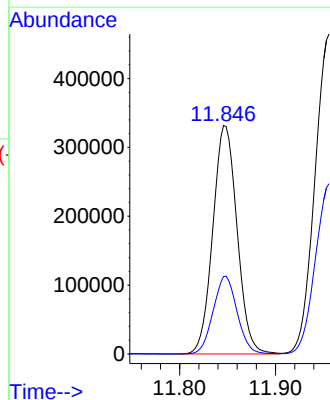
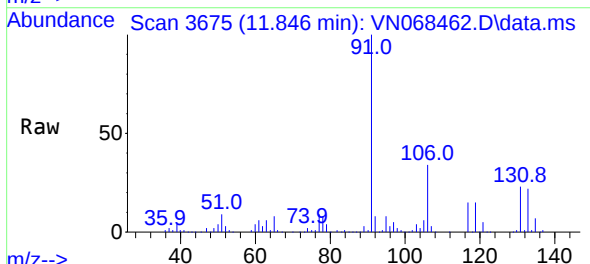
Manual Integrations
APPROVED

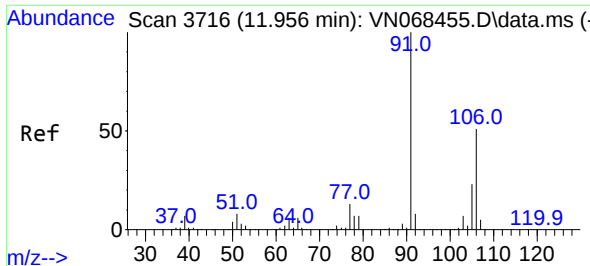
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#66
Ethyl Benzene
Concen: 18.484 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

Tgt Ion: 91 Resp: 581902
Ion Ratio Lower Upper
91 100
106 33.9 27.2 40.8





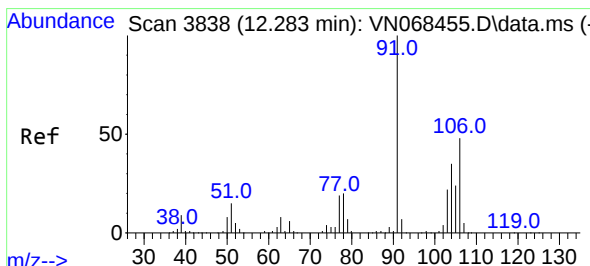
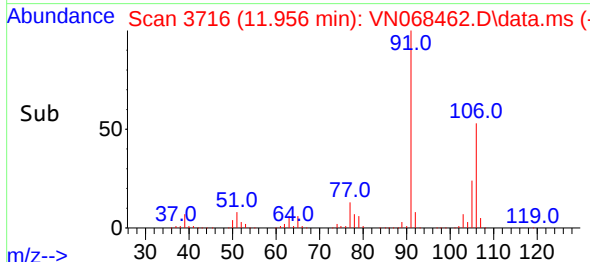
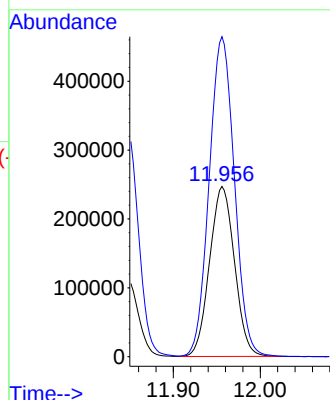
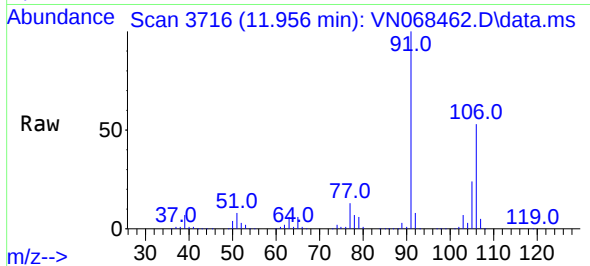
#67
m/p-Xylenes
Concen: 37.911 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01

Tgt Ion:106 Resp: 49195
Ion Ratio Lower Upper
106 100
91 190.8 152.7 229.1

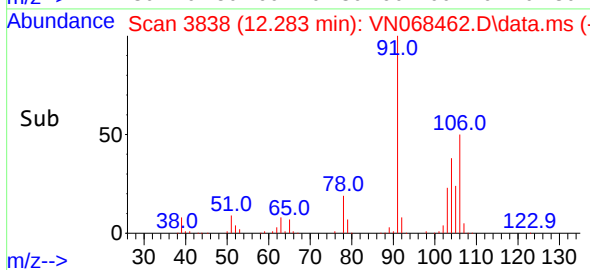
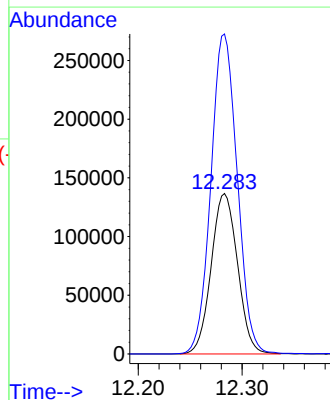
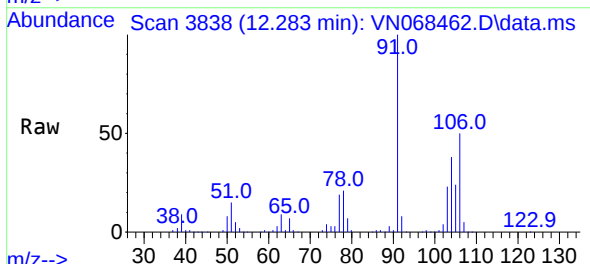
Manual Integrations
APPROVED

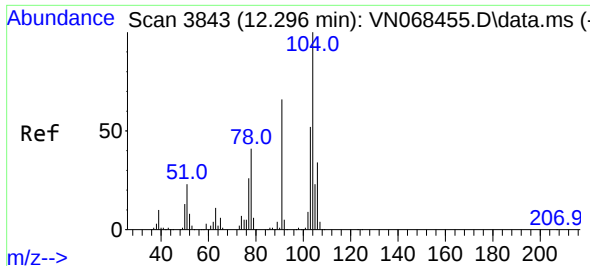
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#68
o-Xylene
Concen: 18.822 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

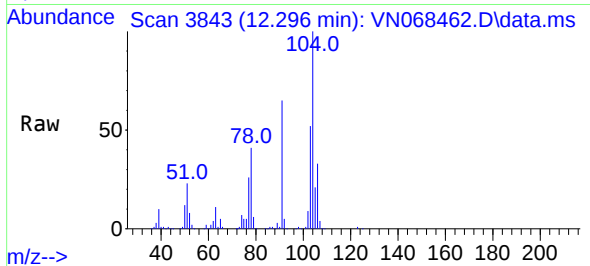
Tgt Ion:106 Resp: 241146
Ion Ratio Lower Upper
106 100
91 199.5 101.5 304.5





#69
Styrene
Concen: 18.496 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

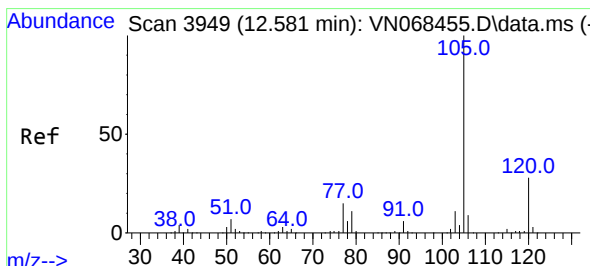
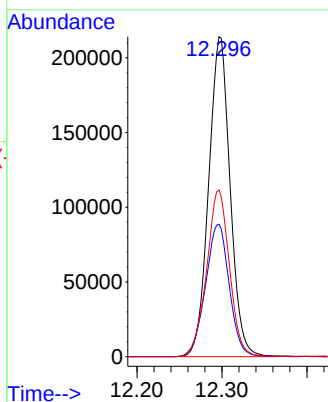
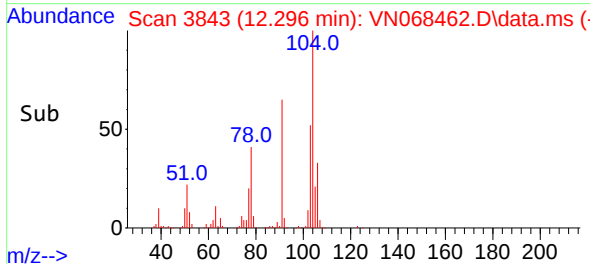
Instrument :
MSVOA_N
Client Sample Id :
VN0913WBS01



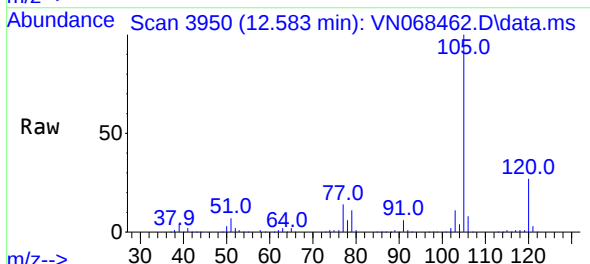
Tgt Ion:104 Resp: 375762
Ion Ratio Lower Upper
104 100
78 45.8 36.5 54.7
103 55.2 43.5 65.3

Manual Integrations
APPROVED

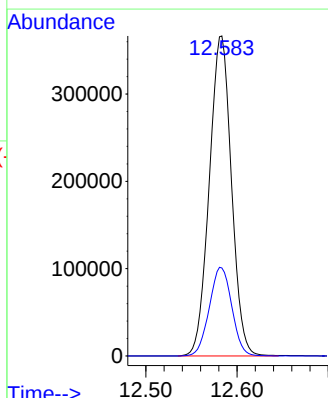
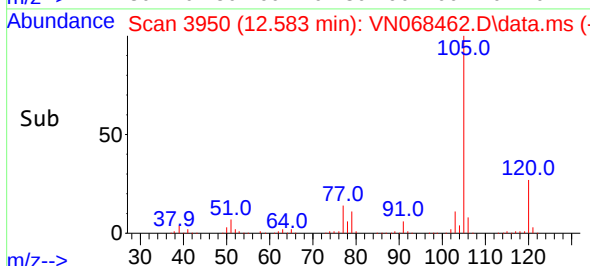
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

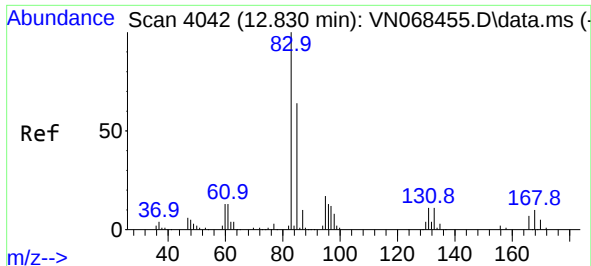


#70
Isopropylbenzene
Concen: 19.029 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. 0.003 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17



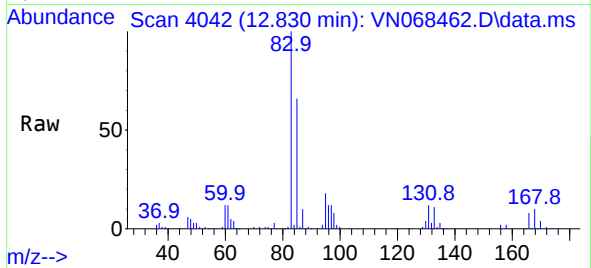
Tgt Ion:105 Resp: 619019
Ion Ratio Lower Upper
105 100
120 28.1 19.7 36.5





#71
1,1,2,2-Tetrachloroethane
Concen: 18.811 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

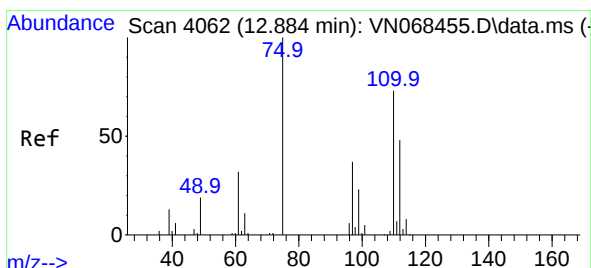
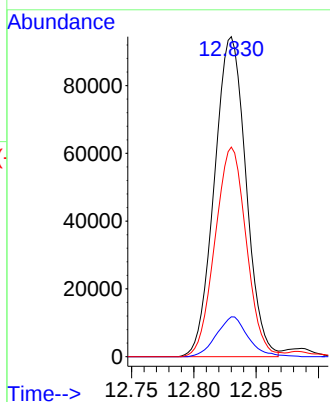
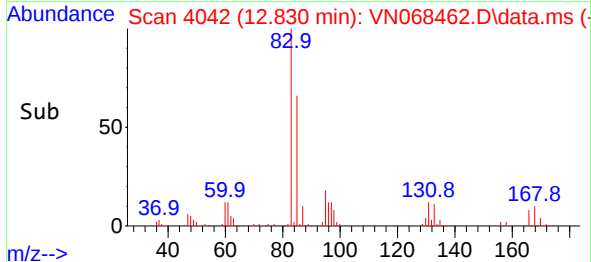
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



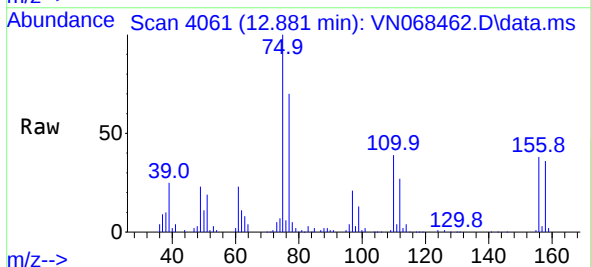
Tgt Ion: 83 Resp: 166569
Ion Ratio Lower Upper
83 100
131 12.5 5.9 17.7
85 65.0 31.9 95.9

Manual Integrations
APPROVED

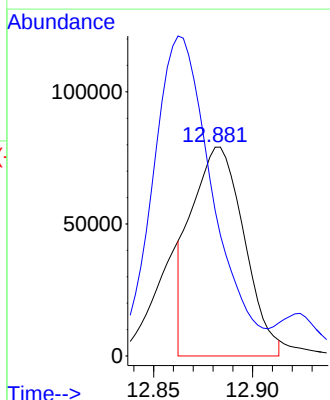
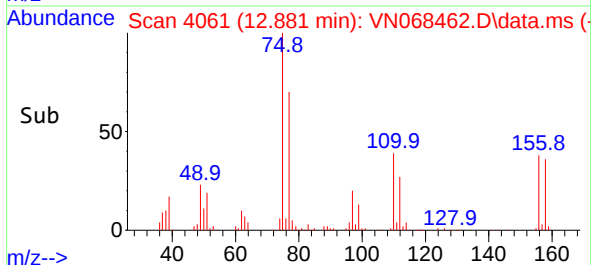
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

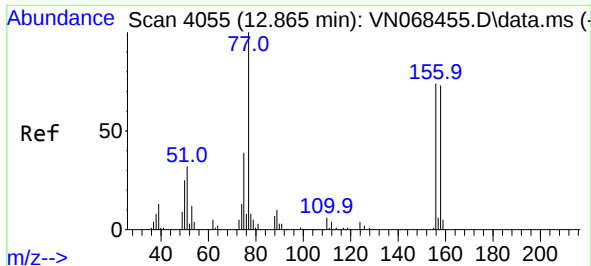


#72
1,2,3-Trichloropropane
Concen: 19.767 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.003 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17



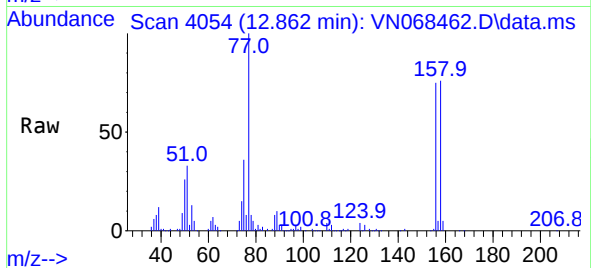
Tgt Ion: 75 Resp: 145711
Ion Ratio Lower Upper
75 100
77 175.4 0.0 357.6





#73
Bromobenzene
Concen: 17.888 ug/l
RT: 12.862 min Scan# 4055
Delta R.T. -0.003 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

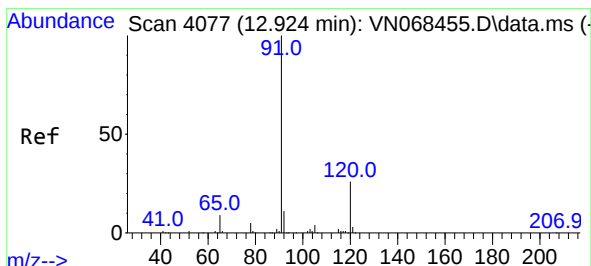
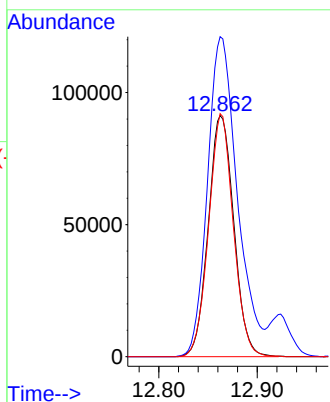
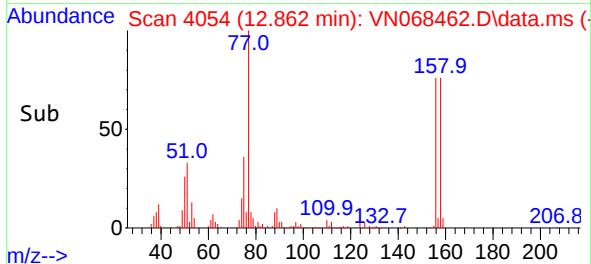
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



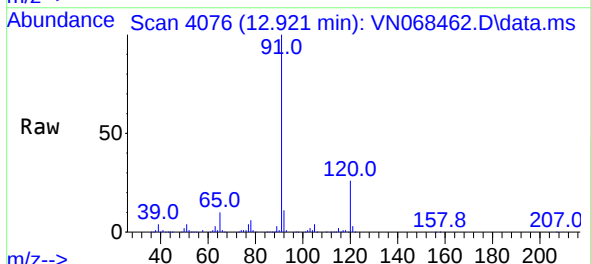
Tgt Ion:156 Resp: 165188
Ion Ratio Lower Upper
156 100
77 154.8 0.0 318.8
158 97.0 0.0 196.2

Manual Integrations
APPROVED

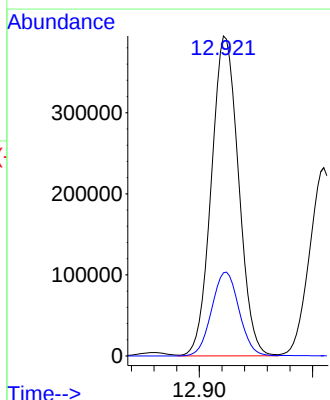
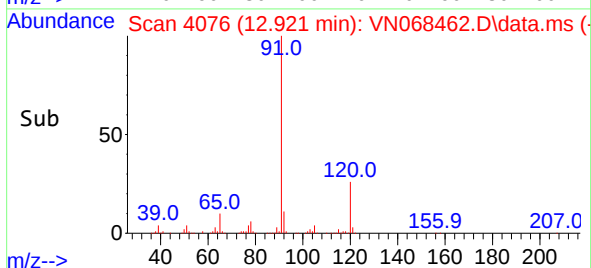
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

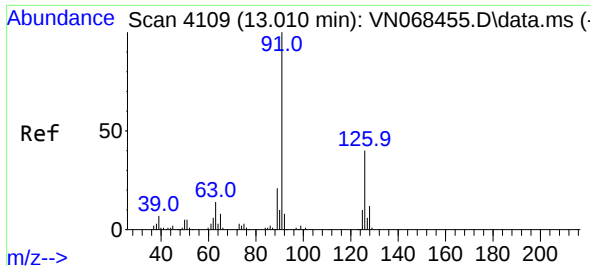


#74
n-propylbenzene
Concen: 18.731 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.003 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17



Tgt Ion: 91 Resp: 657114
Ion Ratio Lower Upper
91 100
120 26.4 0.0 51.6





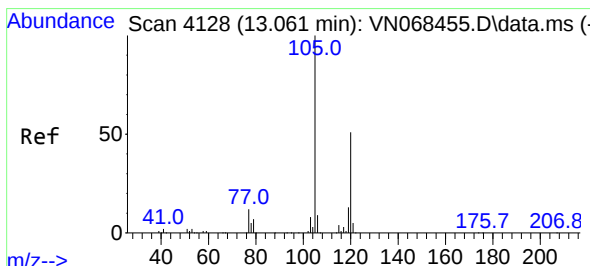
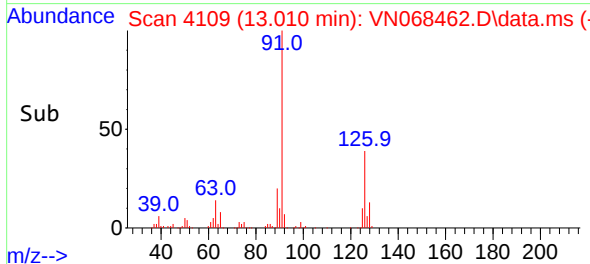
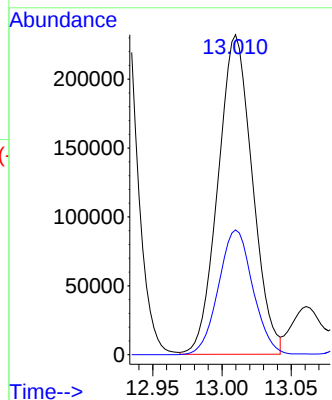
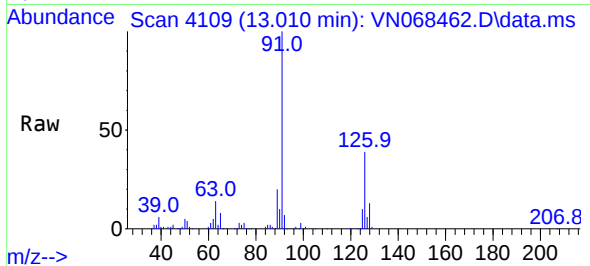
#75
2-Chlorotoluene
Concen: 18.978 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01

Tgt Ion: 91 Resp: 400688
Ion Ratio Lower Upper
91 100
126 39.0 0.0 77.2

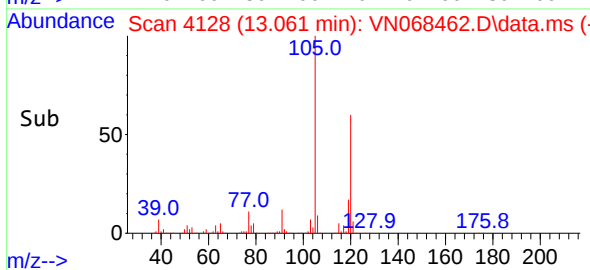
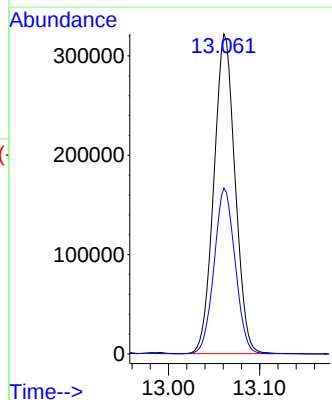
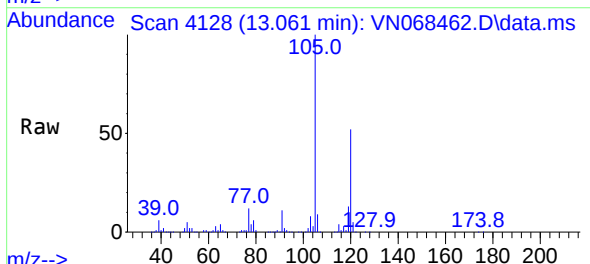
Manual Integrations
APPROVED

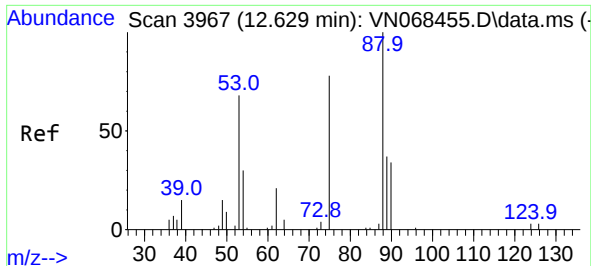
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#76
1,3,5-Trimethylbenzene
Concen: 19.144 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

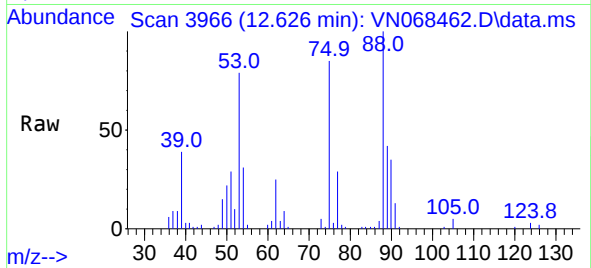
Tgt Ion:105 Resp: 519936
Ion Ratio Lower Upper
105 100
120 51.4 0.0 103.4





#77
t-1,4-Dichloro-2-butene
Concen: 17.334 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

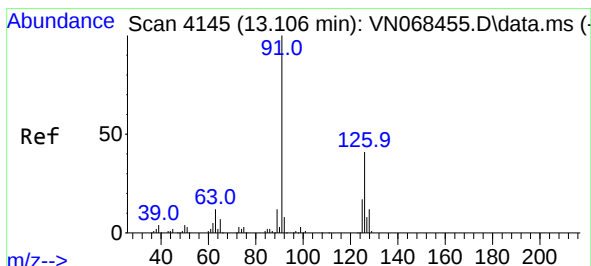
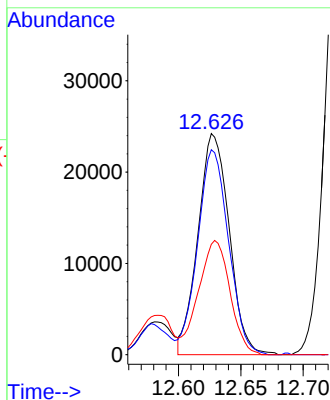
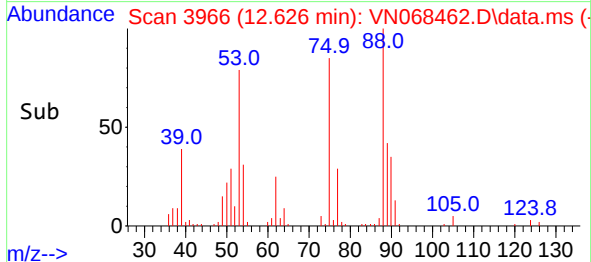
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



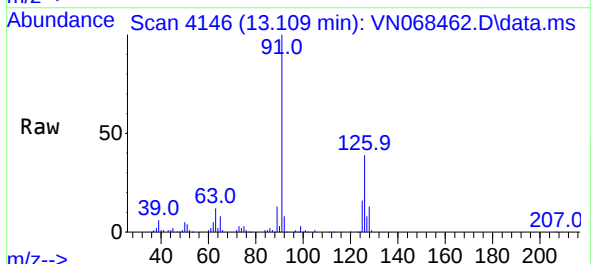
Tgt Ion: 75 Resp: 4216
Ion Ratio Lower Upper
75 100
53 92.7 43.8 131.4
89 49.2 26.2 78.6

Manual Integrations
APPROVED

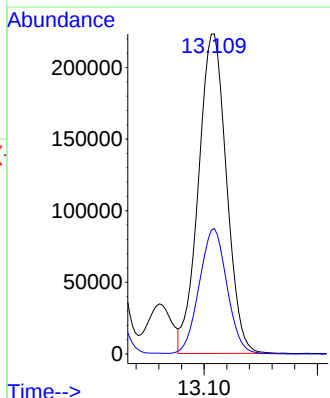
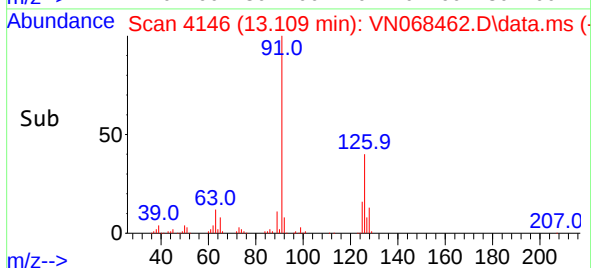
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

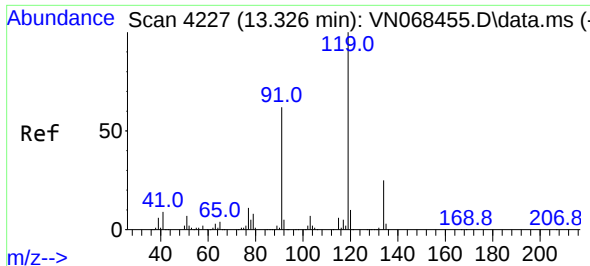


#78
4-Chlorotoluene
Concen: 18.872 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17



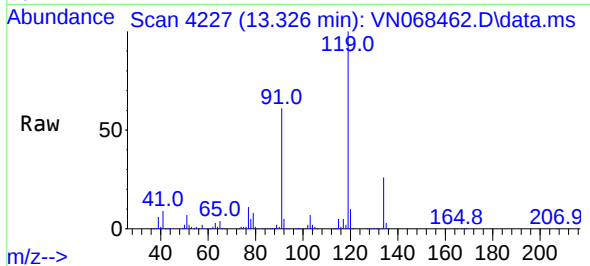
Tgt Ion: 91 Resp: 382379
Ion Ratio Lower Upper
91 100
126 38.8 0.0 77.8





#79
tert-butylbenzene
Concen: 18.774 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

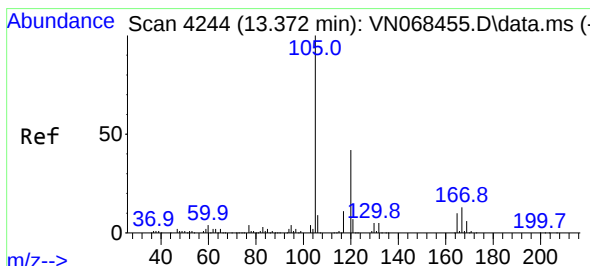
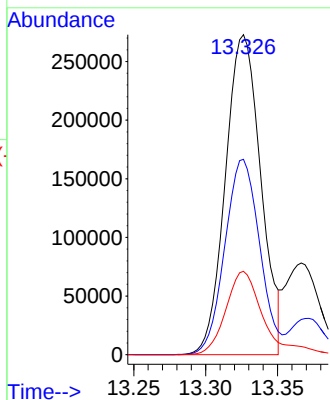
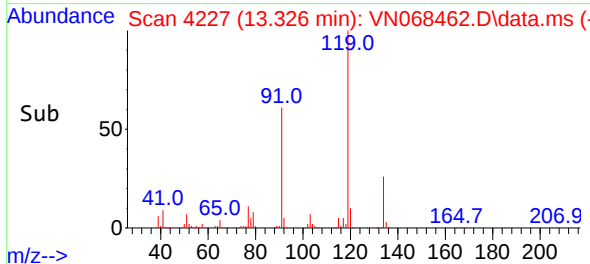
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



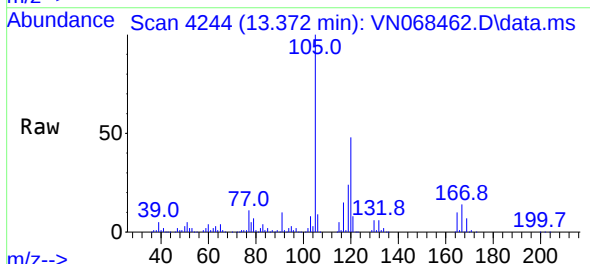
Tgt Ion:119 Resp: 46843
Ion Ratio Lower Upper
119 100
91 60.3 0.0 120.0
134 27.5 0.0 54.0

Manual Integrations
APPROVED

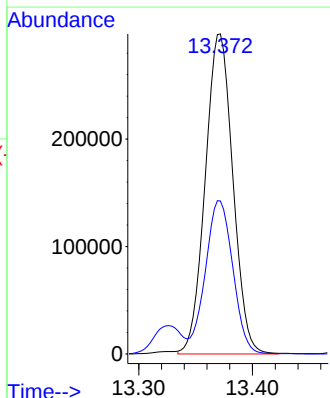
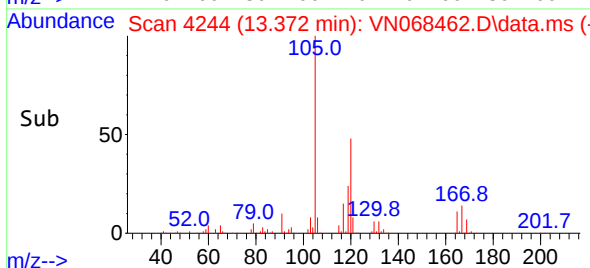
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

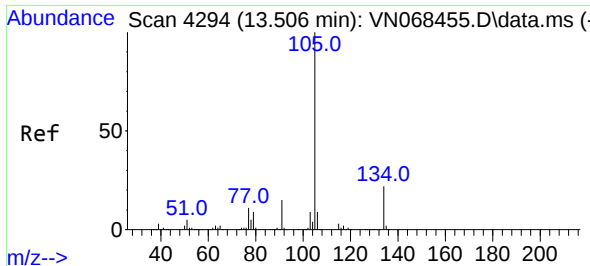


#80
1,2,4-Trimethylbenzene
Concen: 19.112 ug/l m
RT: 13.372 min Scan# 4244
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17



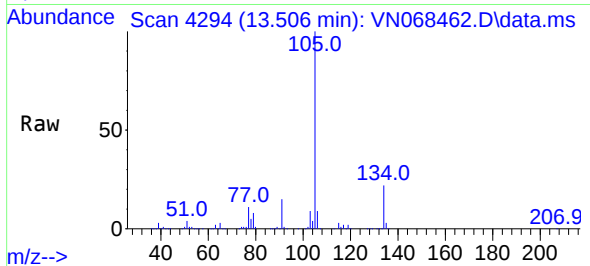
Tgt Ion:105 Resp: 502180
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.4





#81
 sec-Butylbenzene
 Concen: 19.010 ug/l
 RT: 13.506 min Scan# 4294
 Delta R.T. 0.000 min
 Lab File: VN068462.D
 Acq: 13 Sep 2021 17:17

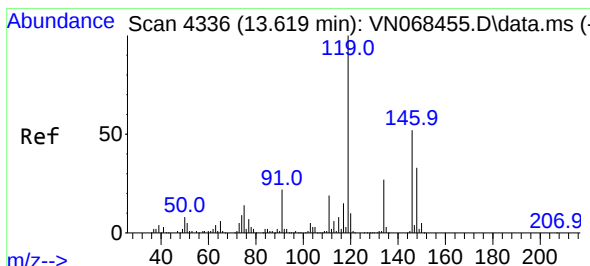
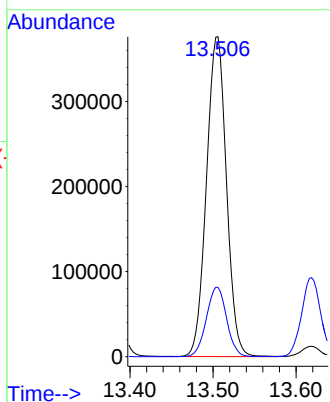
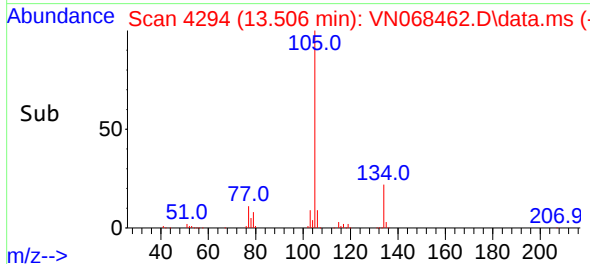
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBS01



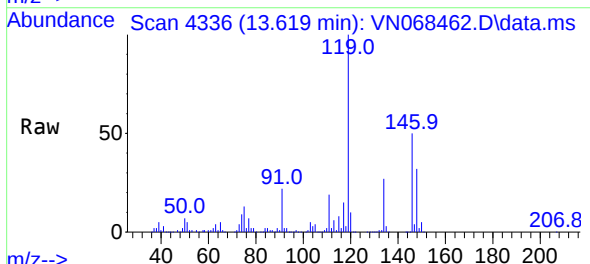
Tgt Ion:105 Resp: 62697
 Ion Ratio Lower Upper
 105 100
 134 22.1 0.0 43.8

Manual Integrations
 APPROVED

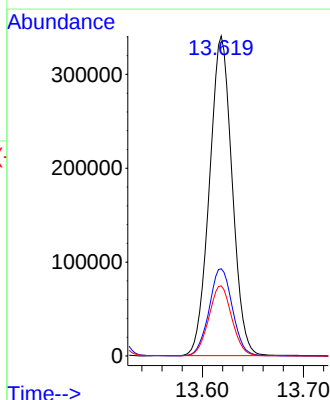
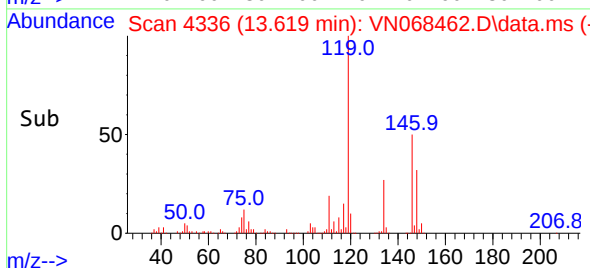
Reviewed By :John Carlone 09/14/2021
 Supervised By :Mahesh Dadoda 09/14/2021

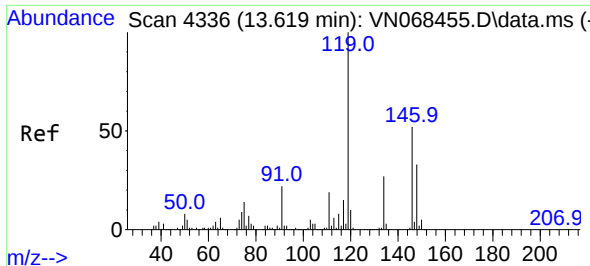


#82
 p-Isopropyltoluene
 Concen: 18.730 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN068462.D
 Acq: 13 Sep 2021 17:17



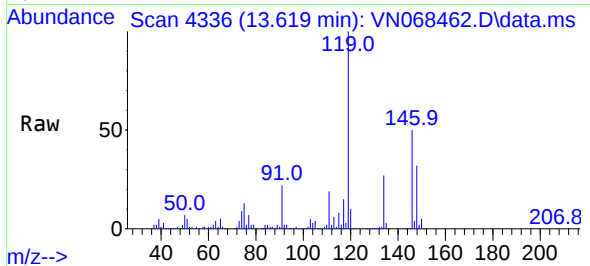
Tgt Ion:119 Resp: 529871
 Ion Ratio Lower Upper
 119 100
 134 28.0 0.0 55.4
 91 22.1 0.0 44.4





#83
1,3-Dichlorobenzene
Concen: 18.276 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

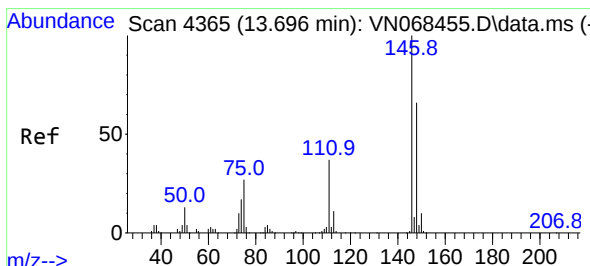
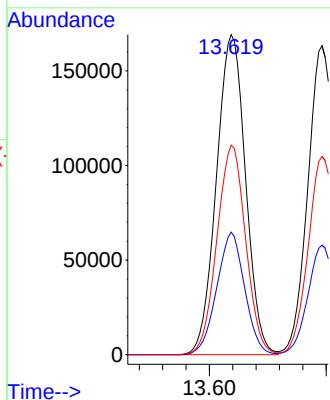
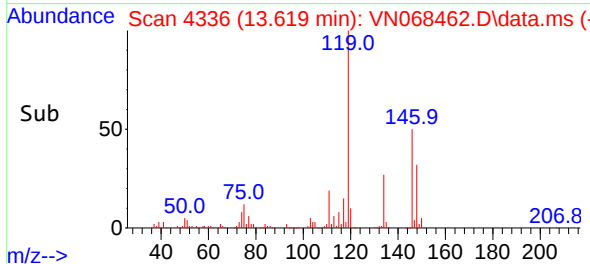
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



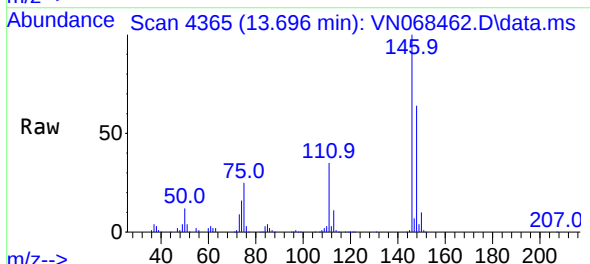
Tgt Ion:146 Resp: 293354
Ion Ratio Lower Upper
146 100
111 36.6 18.4 55.2
148 64.5 32.0 96.0

Manual Integrations
APPROVED

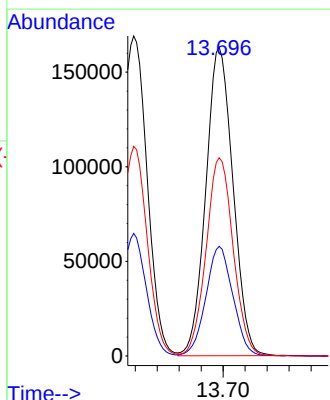
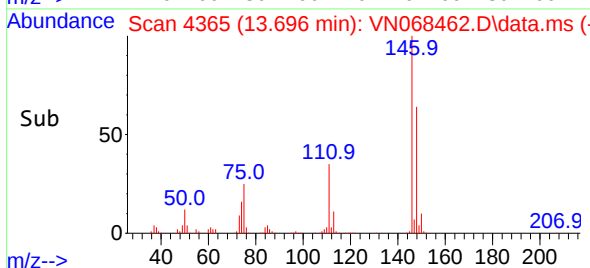
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

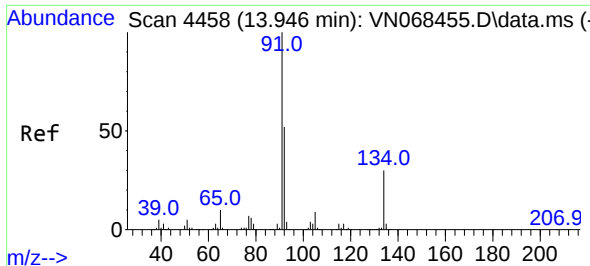


#84
1,4-Dichlorobenzene
Concen: 18.225 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17



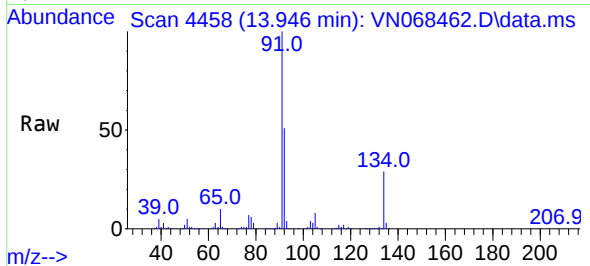
Tgt Ion:146 Resp: 280247
Ion Ratio Lower Upper
146 100
111 35.4 18.2 54.6
148 64.2 32.6 97.7





#85
n-Butylbenzene
Concen: 18.184 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

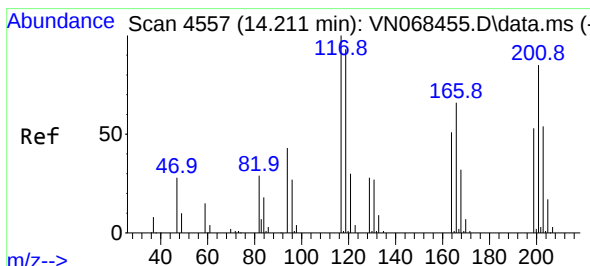
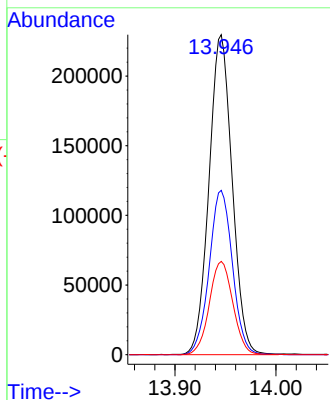
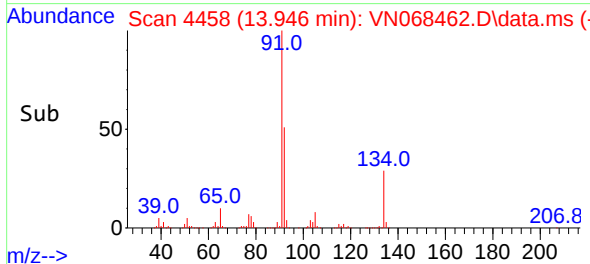
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



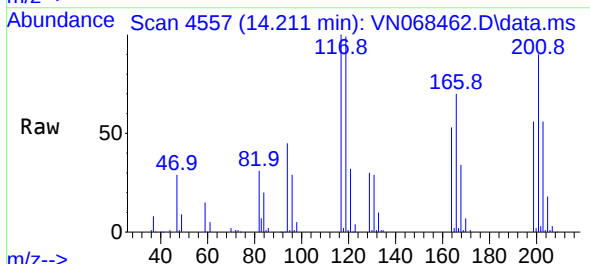
Tgt Ion: 91 Resp: 365880
Ion Ratio Lower Upper
91 100
92 51.6 0.0 102.4
134 29.7 0.0 58.8

Manual Integrations
APPROVED

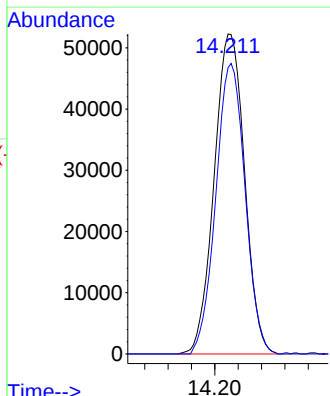
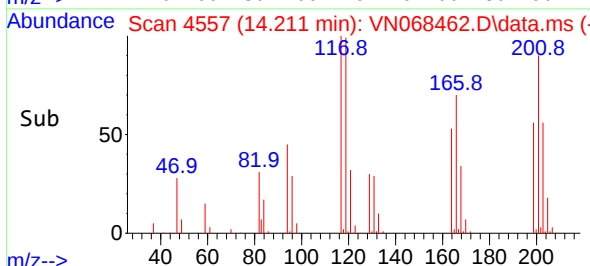
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

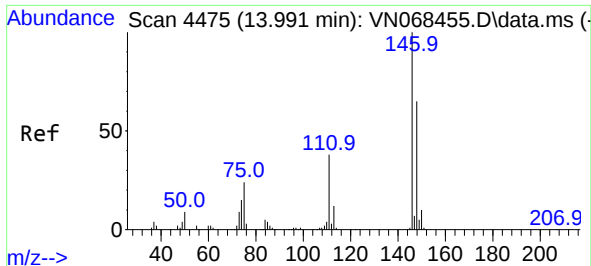


#86
Hexachloroethane
Concen: 18.188 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17



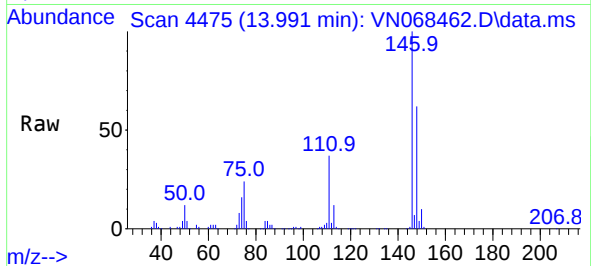
Tgt Ion:117 Resp: 94514
Ion Ratio Lower Upper
117 100
201 87.4 43.6 130.8





#87
1,2-Dichlorobenzene
Concen: 18.065 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

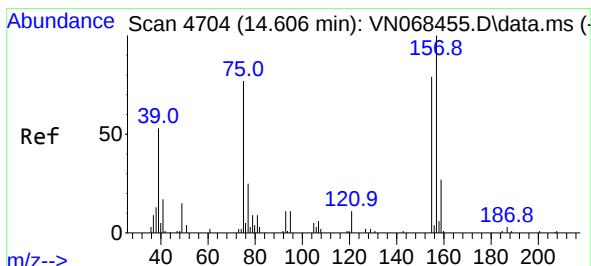
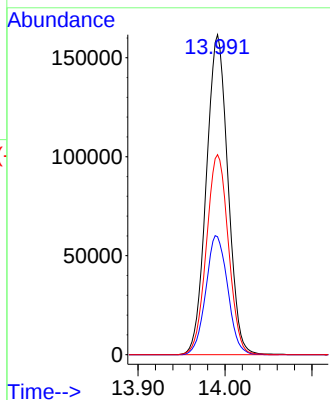
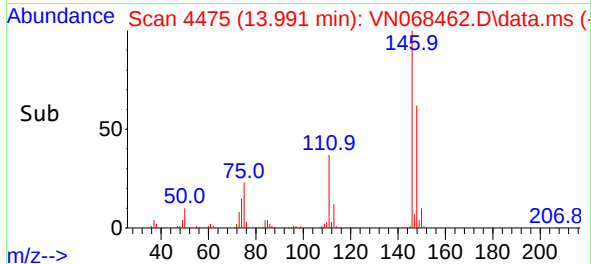
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



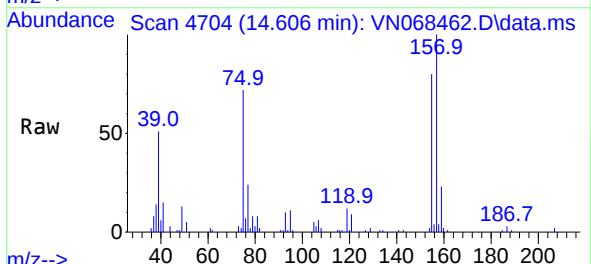
Tgt Ion:146 Resp: 27864
Ion Ratio Lower Upper
146 100
111 37.8 18.6 56.0
148 63.9 31.9 95.5

Manual Integrations
APPROVED

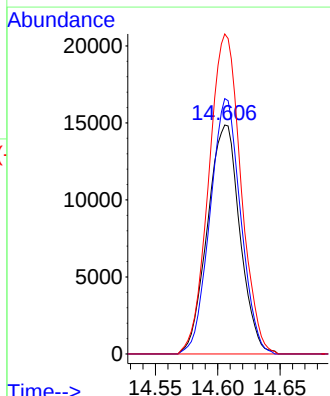
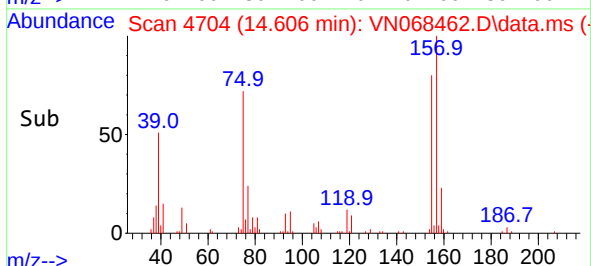
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

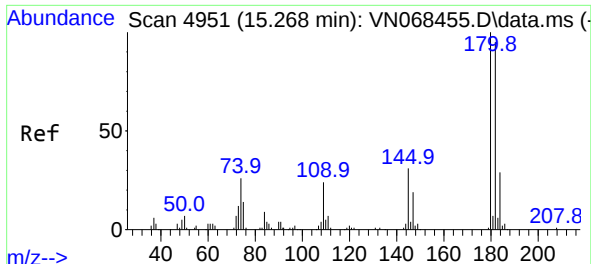


#88
1,2-Dibromo-3-Chloropropane
Concen: 17.970 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17



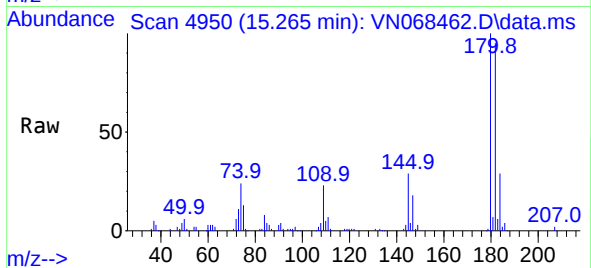
Tgt Ion: 75 Resp: 26906
Ion Ratio Lower Upper
75 100
155 105.0 83.3 124.9
157 138.4 104.9 157.3





#89
1,2,4-Trichlorobenzene
Concen: 16.038 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. -0.003 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

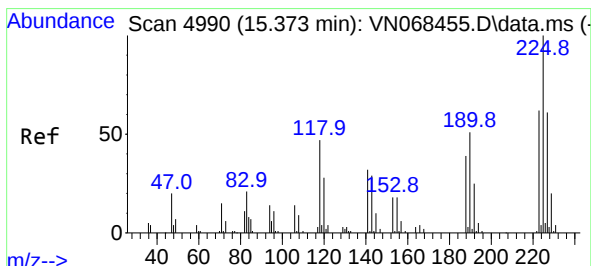
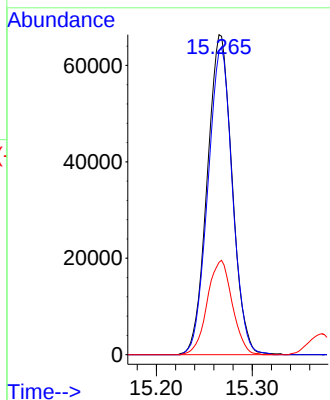
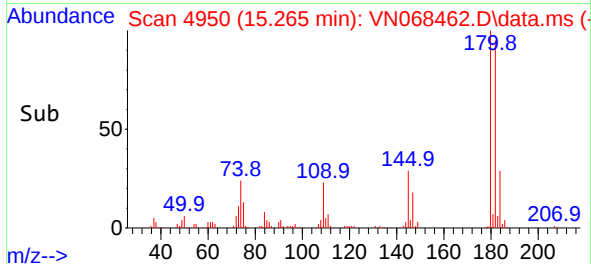
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



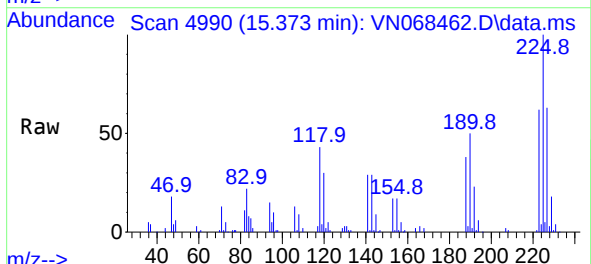
Tgt Ion:180 Resp: 11952
Ion Ratio Lower Upper
180 100
182 94.9 77.0 115.4
145 29.6 24.6 36.8

Manual Integrations
APPROVED

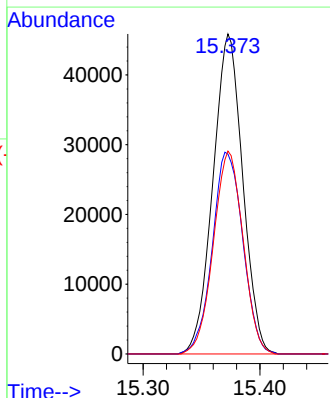
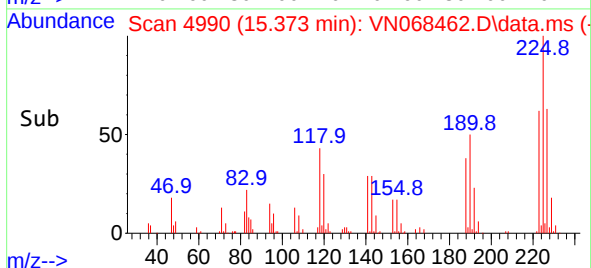
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

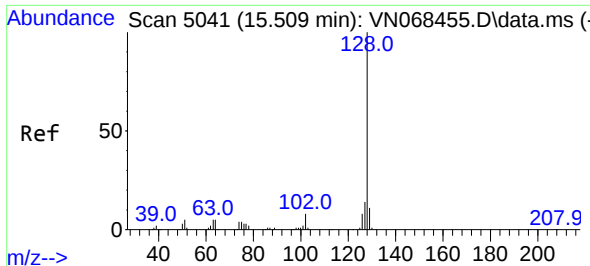


#90
Hexachlorobutadiene
Concen: 17.206 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17



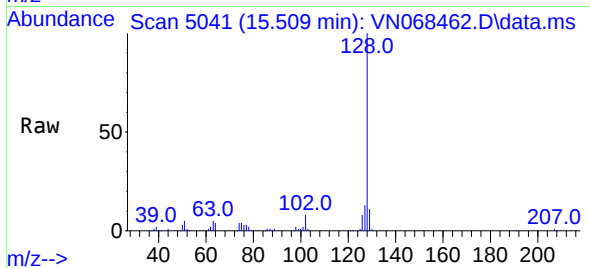
Tgt Ion:225 Resp: 81097
Ion Ratio Lower Upper
225 100
223 64.7 0.0 128.4
227 63.2 0.0 127.8





#91
Naphthalene
Concen: 15.126 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17

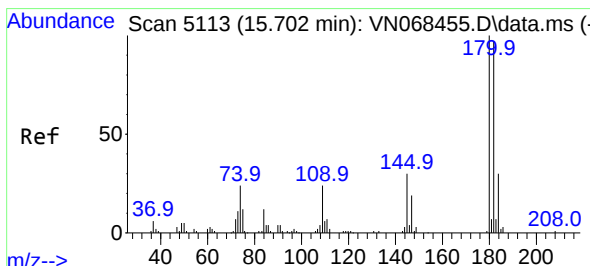
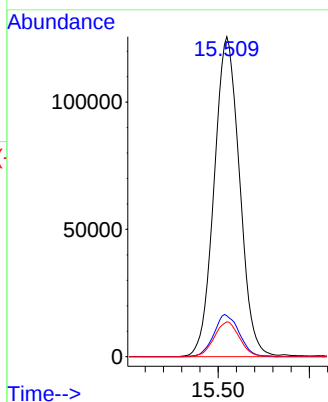
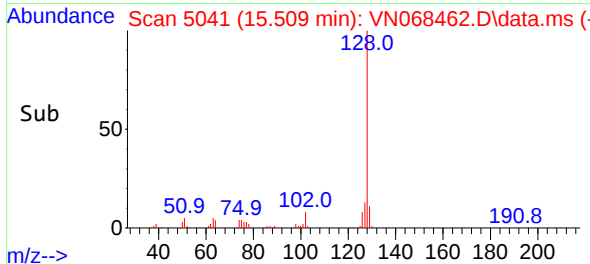
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



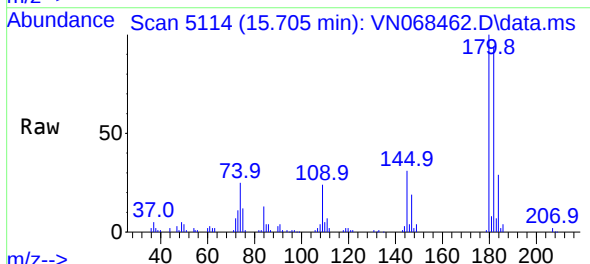
Tgt Ion:128 Resp: 243175
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#92
1,2,3-Trichlorobenzene
Concen: 15.983 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.003 min
Lab File: VN068462.D
Acq: 13 Sep 2021 17:17



Tgt Ion:180 Resp: 112175
Ion Ratio Lower Upper
180 100
182 94.6 0.0 191.2
145 30.8 0.0 61.8

