

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053122\
 Data File : VN072649.D
 Acq On : 31 May 2022 12:55
 Operator : JC\MD
 Sample : VN0531WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0531WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/01/2022
 Supervised By : Mahesh Dadoda 06/01/2022

Quant Time: Jun 01 02:39:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 27 05:07:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.657	128	26914	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	153736	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	145056	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	75680	29.386	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.967%		
60) 4-Bromofluorobenzene	12.727	95	77525	30.432	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	101.433%		
63) Toluene-d8	10.439	98	243551	29.529	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.433%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	36257	19.715	ug/l	100
3) Chloromethane	2.299	50	45261	18.353	ug/l	97
4) Vinyl Chloride	2.440	62	38003	18.431	ug/l	97
5) Bromomethane	2.840	94	17649	17.603	ug/l	94
6) Chloroethane	3.010	64	22430	17.388	ug/l	96
7) Trichlorofluoromethane	3.369	101	54476	18.437	ug/l	97
8) Diethyl Ether	3.822	74	25709	20.738	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.210	101	35883	21.740	ug/l	82
10) 1,1-Dichloroethene	4.175	96	32627	20.131	ug/l	100
11) Methyl Iodide	4.416	142	29369	18.926	ug/l	96
12) Methyl Acetate	4.851	43	67864	21.336	ug/l	95
13) Acrolein	4.040	56	36052	98.970	ug/l	99
14) Acrylonitrile	5.545	53	144233	105.269	ug/l	98
15) Acetone	4.281	58	41948	118.931	ug/l	92
16) Carbon Disulfide	4.528	76	95843	21.560	ug/l	98
17) Allyl chloride	4.840	41	72048	21.396	ug/l	79
18) Methylene Chloride	5.087	84	43327	20.334	ug/l	88
19) trans-1,2-Dichloroethene	5.592	96	37466	21.135	ug/l	91
20) Diisopropyl ether	6.492	45	150962	19.553	ug/l	90
21) 1,1-Dichloroethane	6.375	63	75478	19.206	ug/l	100
22) cis-1,2-Dichloroethene	7.322	96	44518	19.772	ug/l	97
23) tert-Butyl Alcohol	5.357	59	45890	99.784	ug/l #	100
24) Methyl tert-Butyl Ether	5.604	73	124874	20.055	ug/l #	75
25) Chloroform	7.816	83	77363	19.376	ug/l	100
26) Cyclohexane	8.092	56	68971	18.608	ug/l #	91
29) 1,1-Dichloropropene	8.216	75	54269	18.666	ug/l	98
30) 2-Butanone	7.328	43	207512	105.992	ug/l	94
31) 2,2-Dichloropropane	7.316	77	61591	20.916	ug/l	98
32) 1,1,1-Trichloroethane	8.010	97	63909	19.815	ug/l	96
33) Carbon Tetrachloride	8.204	117	56777	19.826	ug/l	91
34) Benzene	8.457	78	174605	19.104	ug/l	99
35) Methacrylonitrile	7.628	41	43332	21.699	ug/l	89
36) 1,2-Dichloroethane	8.528	62	60455	20.357	ug/l	97
37) Trichloroethene	9.216	130	40625	18.676	ug/l	100
38) Methylcyclohexane	9.457	83	67283	18.737	ug/l	91
39) 1,2-Dichloropropane	9.486	63	47713	19.577	ug/l	99
40) Dibromomethane	9.575	93	29983	19.401	ug/l	93
41) Bromodichloromethane	9.757	83	62200	20.078	ug/l	96
42) Vinyl Acetate	6.428	43	645405	101.006	ug/l	98

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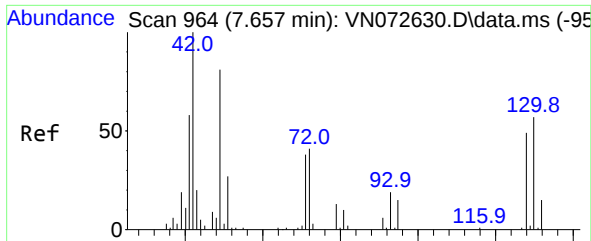
Manual Integrations
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 Supervised By : Mahesh Dadoda 06/01/2022

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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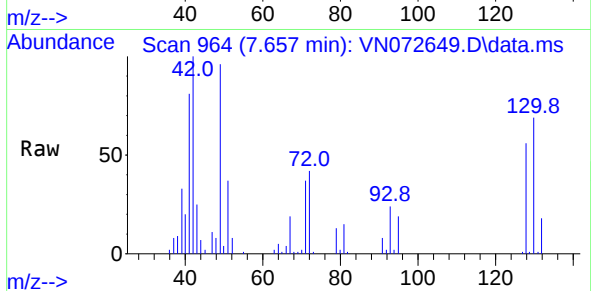
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.404	43	77677	20.690	ug/l	100
44) Isopropyl Acetate	8.557	43	115489	19.743	ug/l	100
45) 1,4-Dioxane	9.569	88	22311	454.900	ug/l	94
46) Methyl methacrylate	9.557	41	56588	20.532	ug/l	82
47) n-amyl Acetate	12.386	43	84504	19.827	ug/l	100
48) t-1,3-Dichloropropene	10.716	75	65937	19.705	ug/l	97
49) cis-1,3-Dichloropropene	10.186	75	71433	19.374	ug/l	94
50) 1,1,2-Trichloroethane	10.892	97	46333	20.393	ug/l	97
51) Ethyl methacrylate	10.757	69	73226	19.115	ug/l	87
52) 1,3-Dichloropropane	11.039	76	80384	20.064	ug/l	99
53) Dibromochloromethane	11.233	129	48088	20.588	ug/l	100
54) 1,2-Dibromoethane	11.339	107	47459	20.343	ug/l	100
55) 2-Chloroethyl vinyl ether	10.039	63	154202	92.024	ug/l	97
56) Bromoform	12.451	173	36271	21.510	ug/l #	99
58) 4-Methyl-2-Pentanone	10.327	43	410762	98.036	ug/l	97
59) 2-Hexanone	11.080	43	305993	102.402	ug/l	97
61) Tetrachloroethene	10.974	164	36696	19.115	ug/l	98
62) Toluene	10.504	91	193397	18.992	ug/l	98
64) Chlorobenzene	11.769	112	113521	19.185	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.839	131	43310	18.587	ug/l	96
66) Ethyl Benzene	11.839	91	210033	18.697	ug/l	97
67) m/p-Xylenes	11.945	106	158022	38.704	ug/l	98
68) o-Xylene	12.274	106	78146	19.238	ug/l	97
69) Styrene	12.292	104	122260	18.997	ug/l	99
70) Isopropylbenzene	12.574	105	195559	18.843	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.821	83	70328	19.738	ug/l	98
72) 1,2,3-Trichloropropane	12.874	75	53964m	17.949	ug/l	
73) Bromobenzene	12.857	156	44481	19.511	ug/l	90
74) n-propylbenzene	12.916	91	226647	19.314	ug/l	99
75) 2-Chlorotoluene	13.004	91	135691	19.064	ug/l	96
76) 1,3,5-Trimethylbenzene	13.057	105	160646	19.614	ug/l	96
77) t-1,4-Dichloro-2-butene	12.621	75	23088	19.651	ug/l	94
78) 4-Chlorotoluene	13.104	91	125511	19.368	ug/l	96
79) tert-butylbenzene	13.321	119	139708	19.493	ug/l	96
80) 1,2,4-Trimethylbenzene	13.363	105	157200	19.887	ug/l #	81
81) sec-Butylbenzene	13.498	105	198039	19.100	ug/l	100
82) p-Isopropyltoluene	13.610	119	154917	19.273	ug/l	97
83) 1,3-Dichlorobenzene	13.610	146	74834	18.912	ug/l	99
84) 1,4-Dichlorobenzene	13.692	146	73064	19.007	ug/l	98
85) n-Butylbenzene	13.939	91	121461	18.388	ug/l	97
86) Hexachloroethane	14.204	117	33203	20.740	ug/l	90
87) 1,2-Dichlorobenzene	13.980	146	75406	19.294	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.598	75	14668	21.190	ug/l	96
89) 1,2,4-Trichlorobenzene	15.257	180	37249	19.318	ug/l	95
90) Hexachlorobutadiene	15.362	225	19963	20.643	ug/l	97
91) Naphthalene	15.504	128	126739	18.730	ug/l	98
92) 1,2,3-Trichlorobenzene	15.698	180	39490	20.060	ug/l	95

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

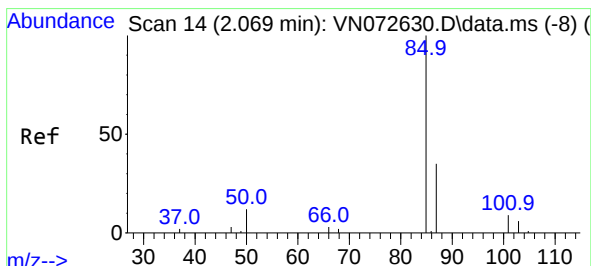
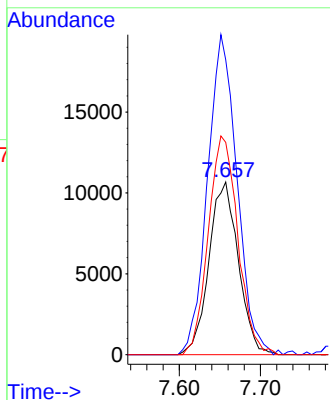
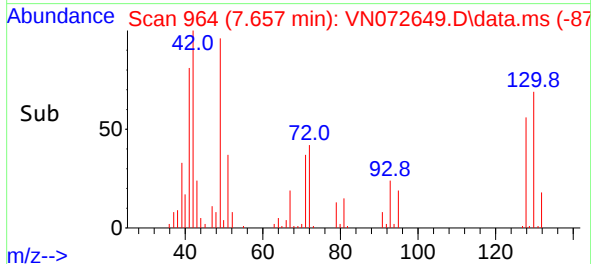
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01



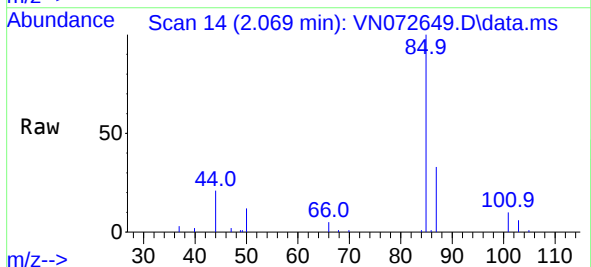
Tgt Ion:128 Resp: 26914
Ion Ratio Lower Upper
128 100
49 184.9 0.0 392.3
130 126.5 0.0 320.2

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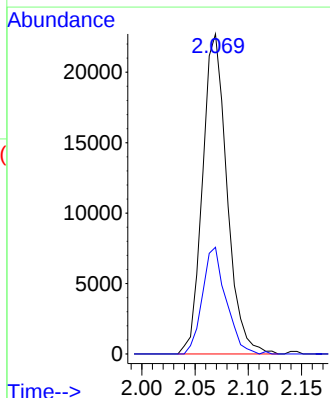
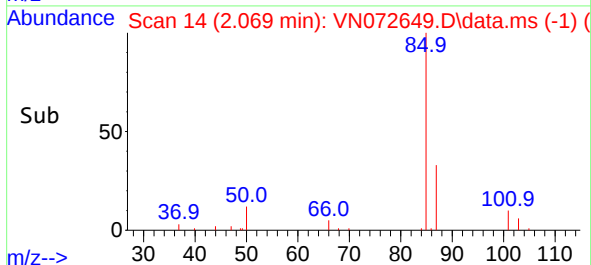
Reviewed By :John Carlone 06/01/2022
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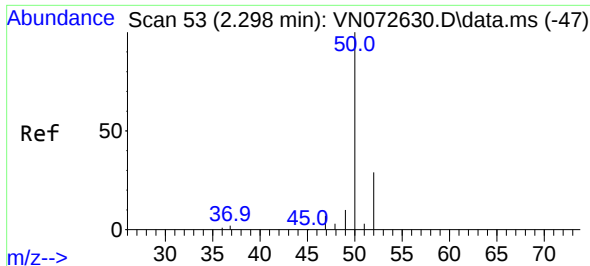


#2
Dichlorodifluoromethane
Concen: 19.715 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55



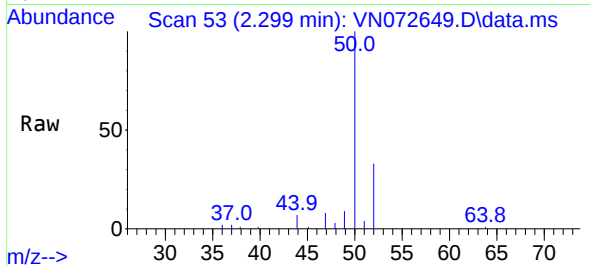
Tgt Ion: 85 Resp: 36257
Ion Ratio Lower Upper
85 100
87 33.3 16.6 49.7





#3
Chloromethane
Concen: 18.353 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

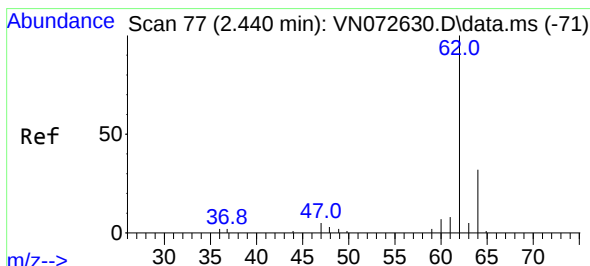
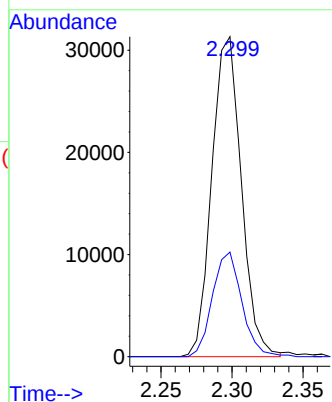
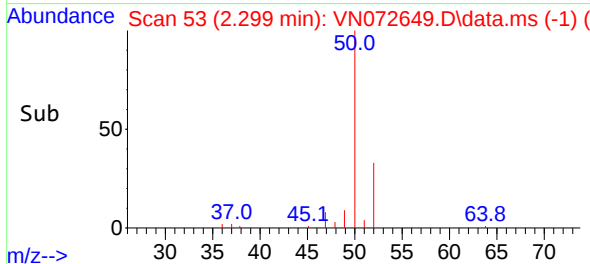
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01



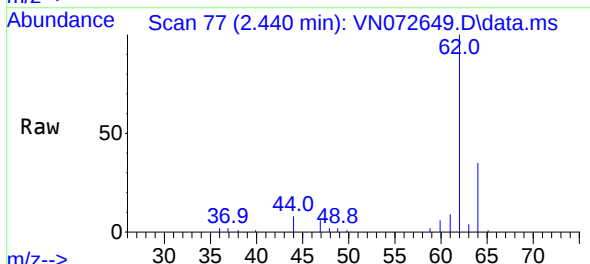
Tgt Ion: 50 Resp: 4526
Ion Ratio Lower Upper
50 100
52 32.7 27.8 41.6

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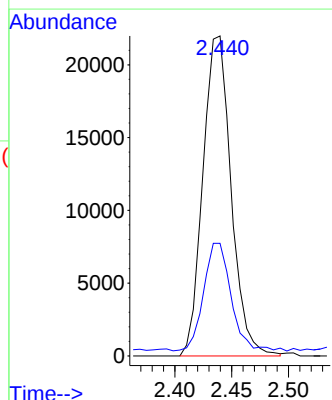
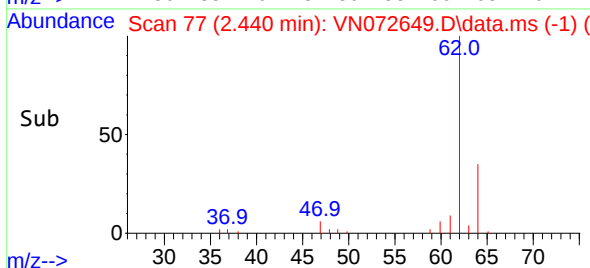
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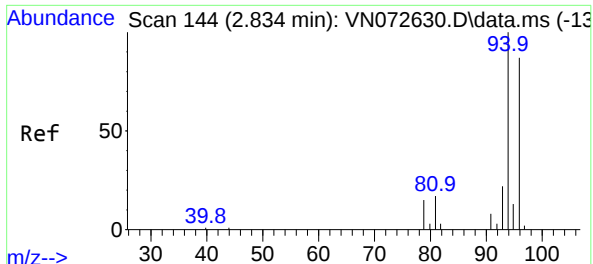


#4
Vinyl Chloride
Concen: 18.431 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55



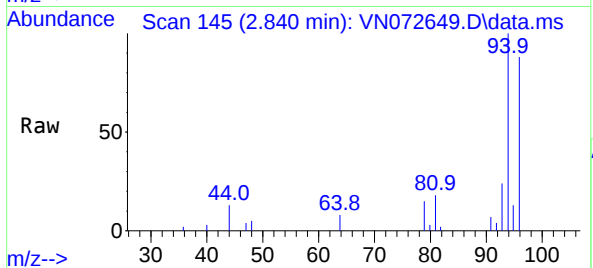
Tgt Ion: 62 Resp: 38003
Ion Ratio Lower Upper
62 100
64 33.3 25.1 37.7





#5
Bromomethane
Concen: 17.603 ug/l
RT: 2.840 min Scan# 144
Delta R.T. 0.006 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

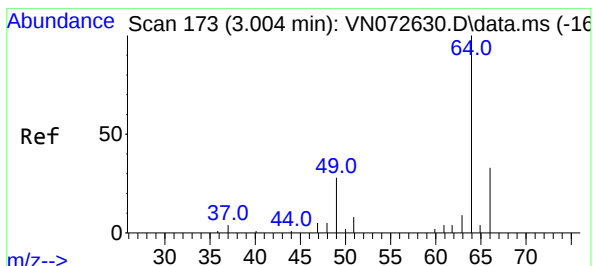
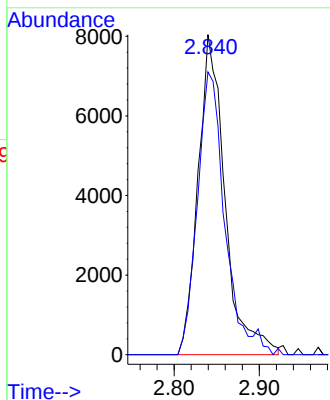
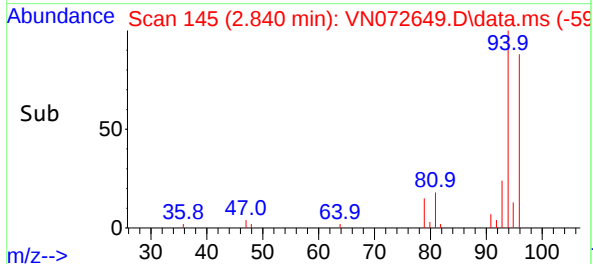
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MSVOA_N
ClientSampleId :
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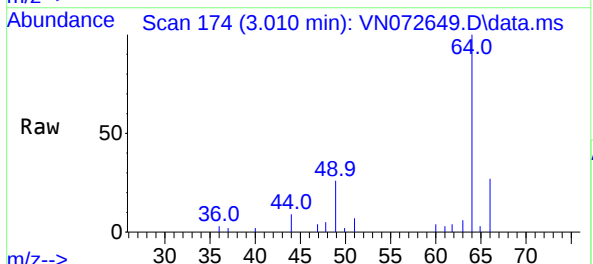
Tgt Ion: 94 Resp: 17649
Ion Ratio Lower Upper
94 100
96 88.3 75.2 112.8

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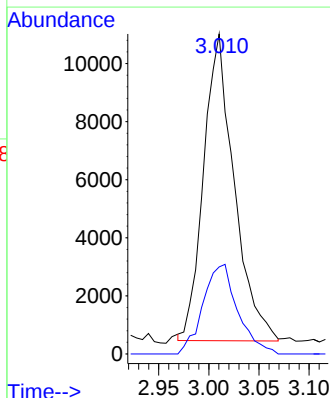
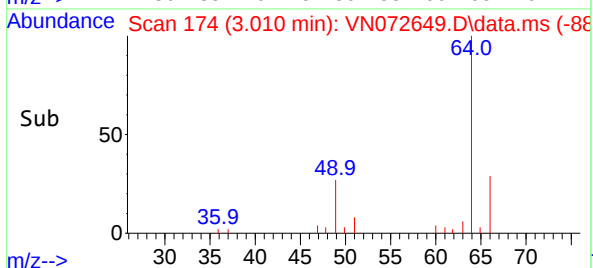
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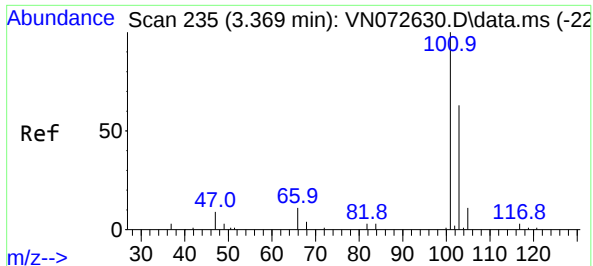


#6
Chloroethane
Concen: 17.388 ug/l
RT: 3.010 min Scan# 174
Delta R.T. 0.006 min
Lab File: VN072649.D
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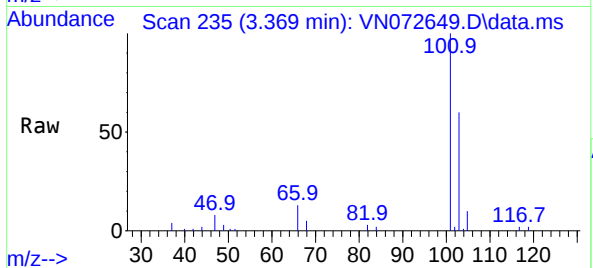
Tgt Ion: 64 Resp: 22430
Ion Ratio Lower Upper
64 100
66 28.5 24.6 36.8





#7
Trichlorofluoromethane
Concen: 18.437 ug/l
RT: 3.369 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

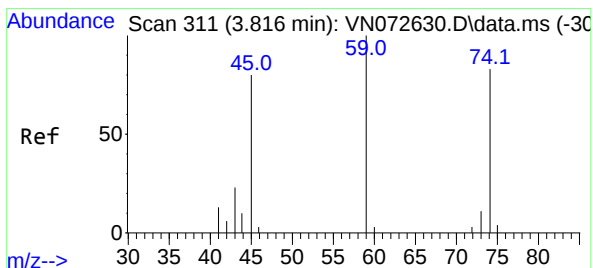
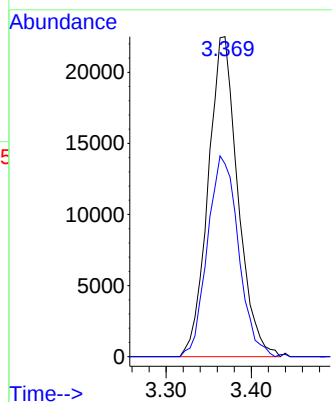
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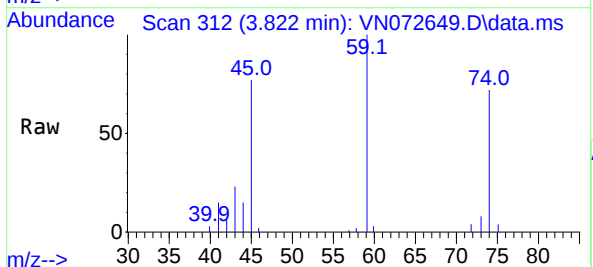
Tgt Ion:101 Resp: 54470
Ion Ratio Lower Upper
101 100
103 60.2 50.1 75.1

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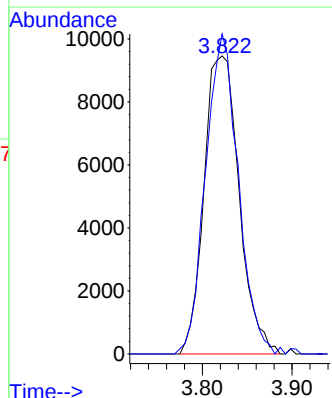
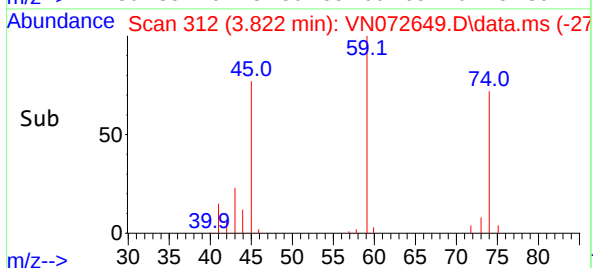
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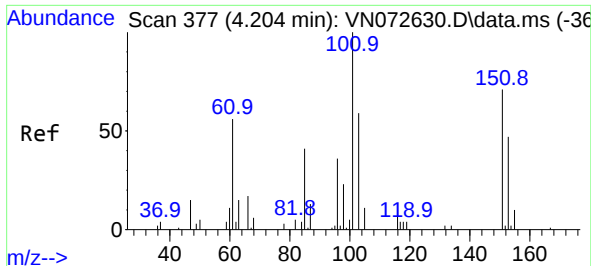


#8
Diethyl Ether
Concen: 20.738 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.006 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55



Tgt Ion: 74 Resp: 25709
Ion Ratio Lower Upper
74 100
45 99.7 17.6 158.8





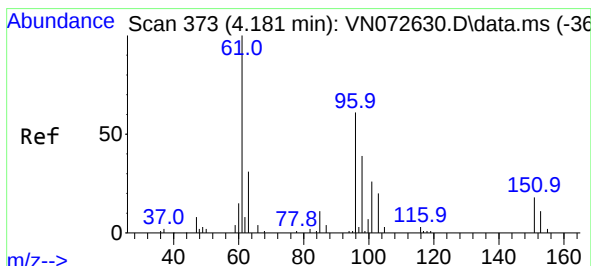
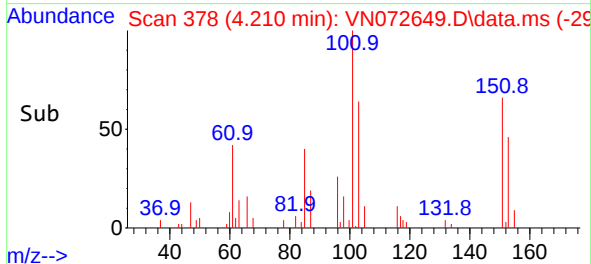
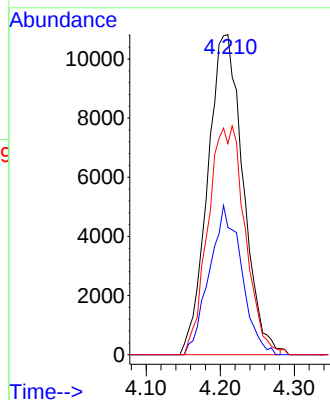
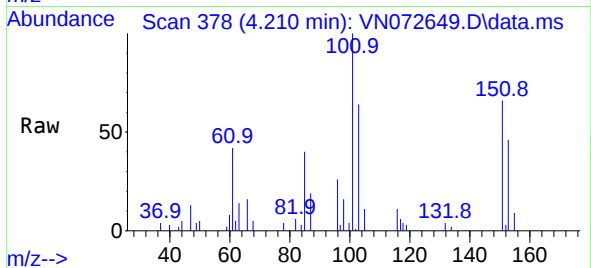
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.740 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

Tgt Ion:101 Resp: 3588
Ion Ratio Lower Upper
101 100
85 29.7 0.0 94.0
151 42.6 0.0 74.6

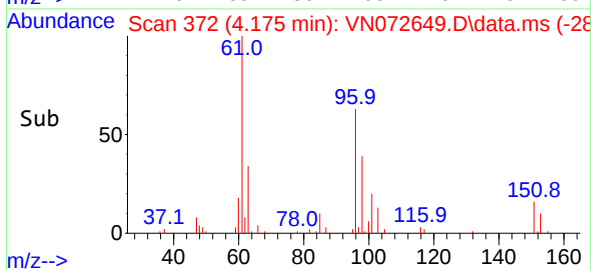
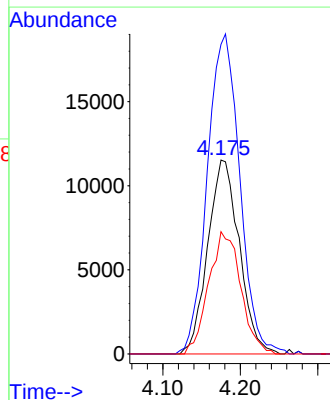
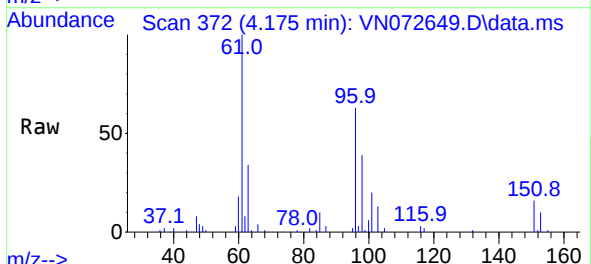
Manual Integrations
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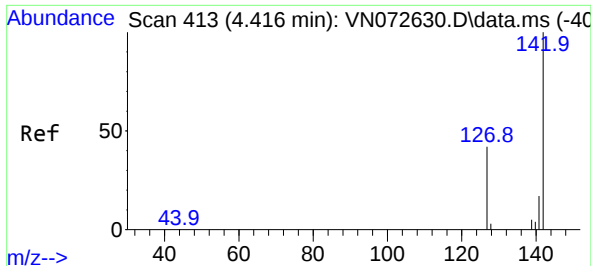
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#10
1,1-Dichloroethene
Concen: 20.131 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.006 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

Tgt Ion: 96 Resp: 32627
Ion Ratio Lower Upper
96 100
61 157.9 126.2 189.4
98 63.0 50.9 76.3





#11

Methyl Iodide

Concen: 18.926 ug/l

RT: 4.416 min Scan# 413

Delta R.T. 0.000 min

Lab File: VN072649.D

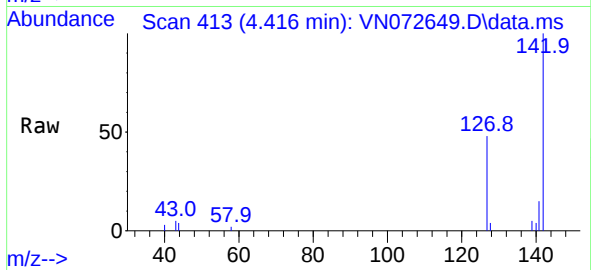
Acq: 31 May 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBS01



Tgt Ion:142 Resp: 29369

Ion Ratio Lower Upper

142 100

127 51.0 24.0 72.0

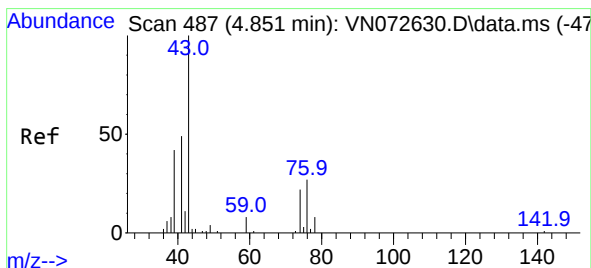
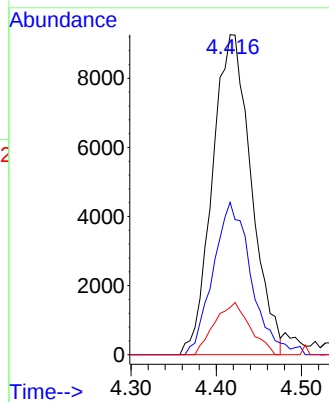
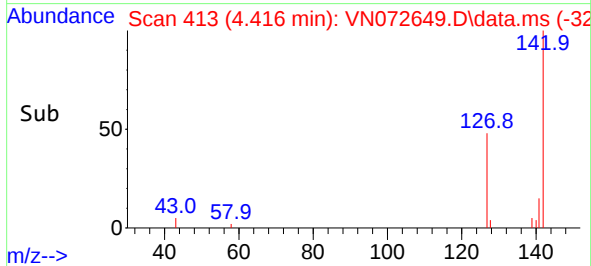
141 15.1 8.4 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2022

Supervised By :Mahesh Dadoda 06/01/2022



#12

Methyl Acetate

Concen: 21.336 ug/l

RT: 4.851 min Scan# 487

Delta R.T. 0.000 min

Lab File: VN072649.D

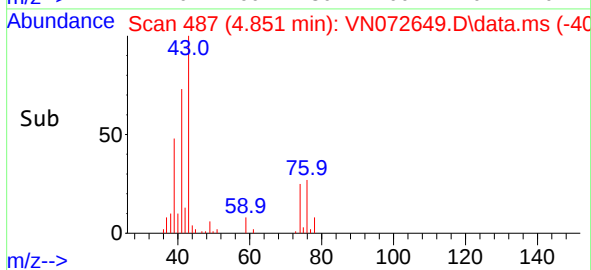
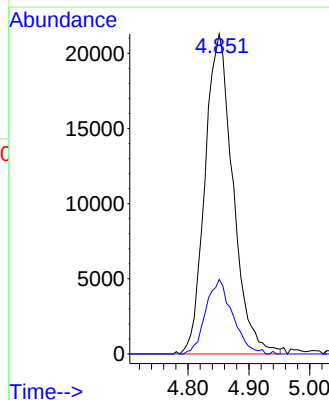
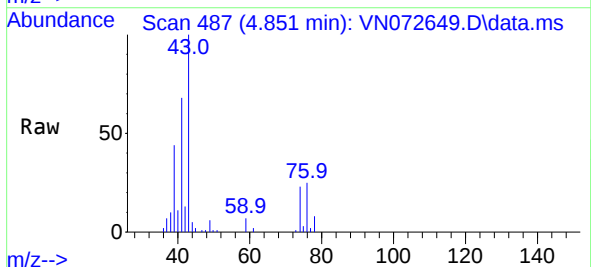
Acq: 31 May 2022 12:55

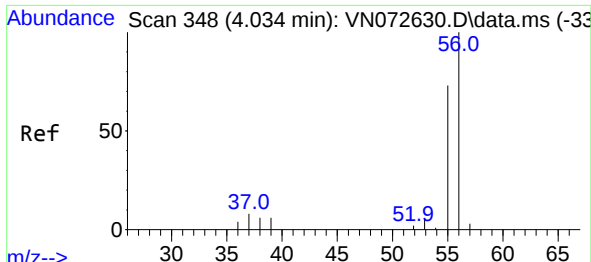
Tgt Ion: 43 Resp: 67864

Ion Ratio Lower Upper

43 100

74 23.5 20.8 31.2





#13

Acrolein

Concen: 98.970 ug/l

RT: 4.040 min Scan# 348

Delta R.T. 0.006 min

Lab File: VN072649.D

Acq: 31 May 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBS01

Tgt Ion: 56 Resp: 36052

Ion Ratio Lower Upper

56 100

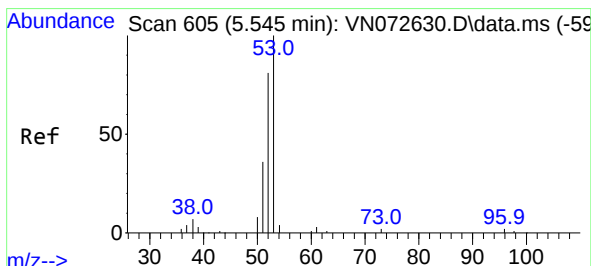
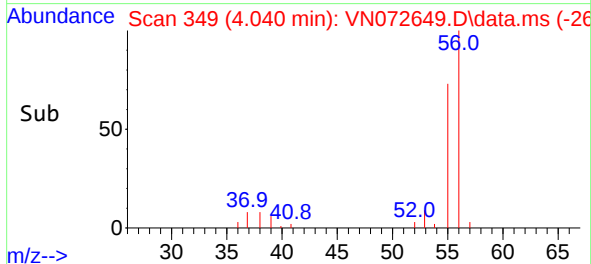
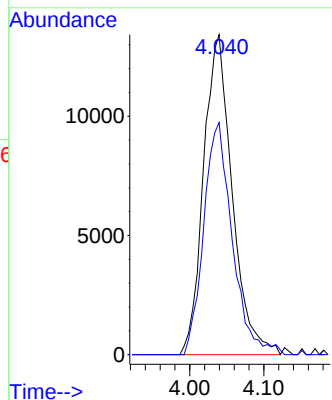
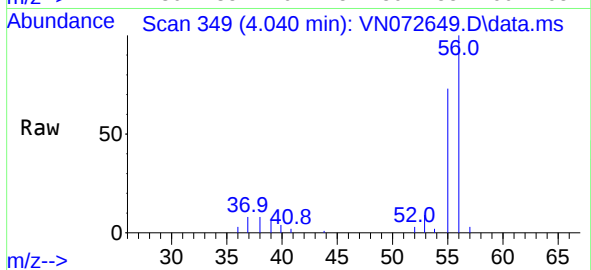
55 71.0 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2022

Supervised By :Mahesh Dadoda 06/01/2022



#14

Acrylonitrile

Concen: 105.269 ug/l

RT: 5.545 min Scan# 605

Delta R.T. 0.000 min

Lab File: VN072649.D

Acq: 31 May 2022 12:55

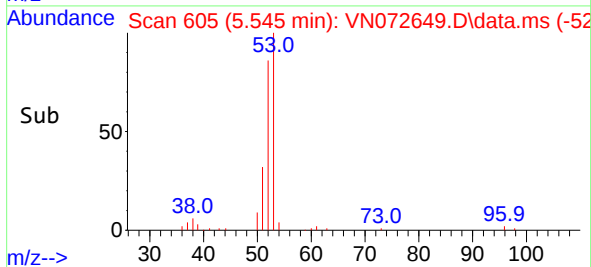
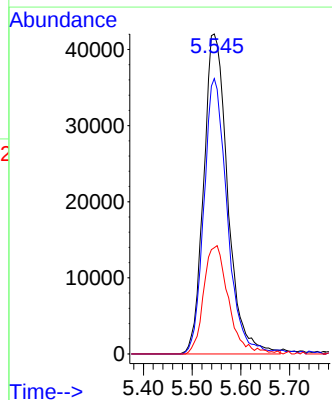
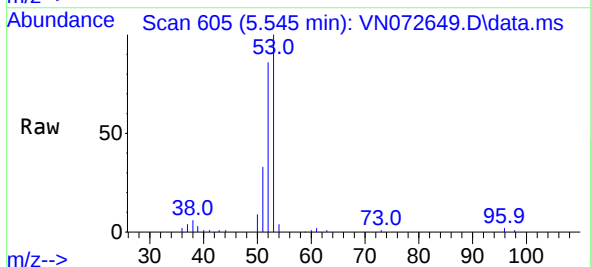
Tgt Ion: 53 Resp: 144233

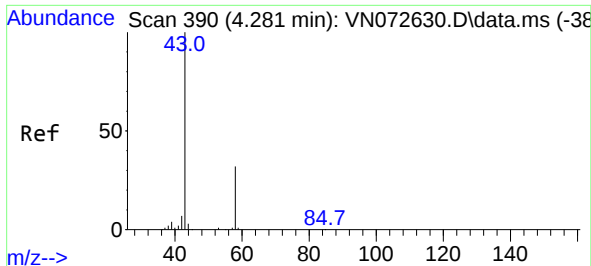
Ion Ratio Lower Upper

53 100

52 83.1 41.8 125.4

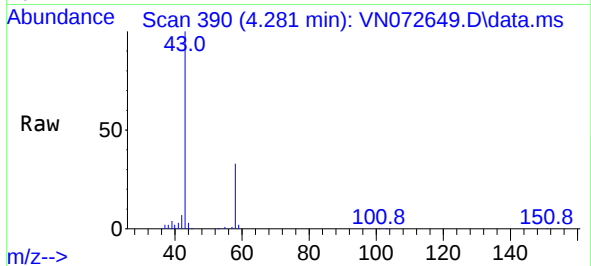
51 34.1 19.0 57.0





#15
Acetone
Concen: 118.931 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

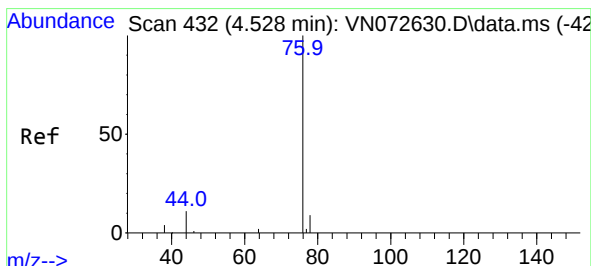
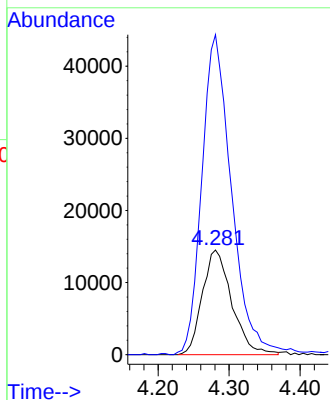
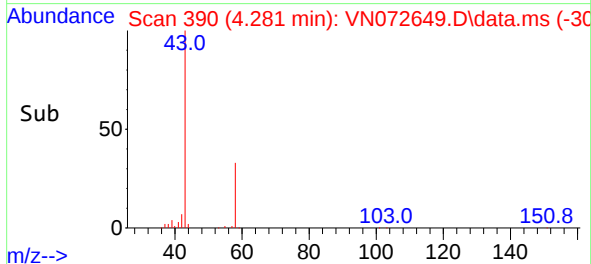
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01



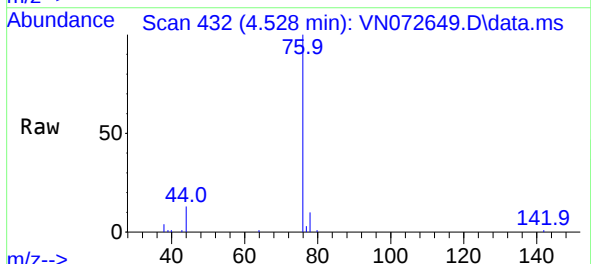
Tgt Ion: 58 Resp: 41948
Ion Ratio Lower Upper
58 100
43 303.4 256.6 384.8

Manual Integrations
APPROVED

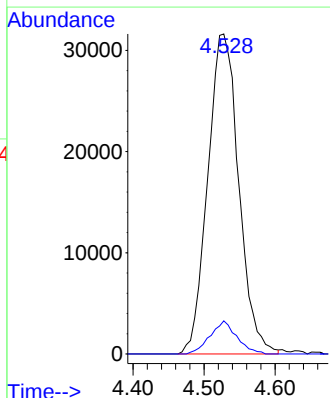
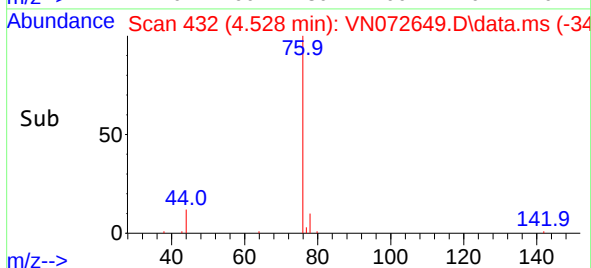
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

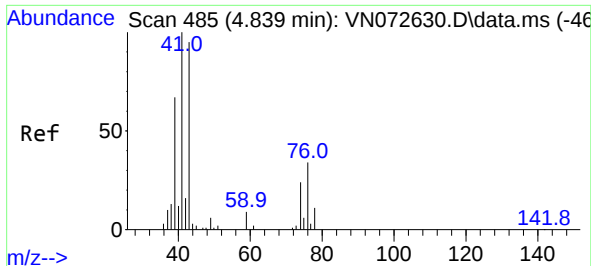


#16
Carbon Disulfide
Concen: 21.560 ug/l
RT: 4.528 min Scan# 432
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55



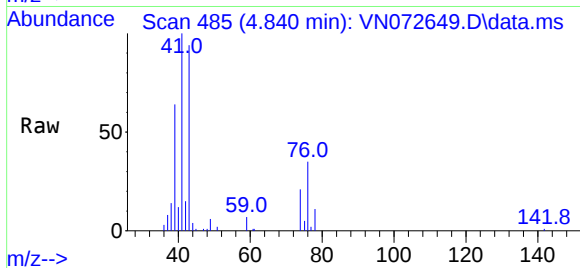
Tgt Ion: 76 Resp: 95843
Ion Ratio Lower Upper
76 100
78 10.4 7.8 11.8





#17
Allyl chloride
Concen: 21.396 ug/l
RT: 4.840 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

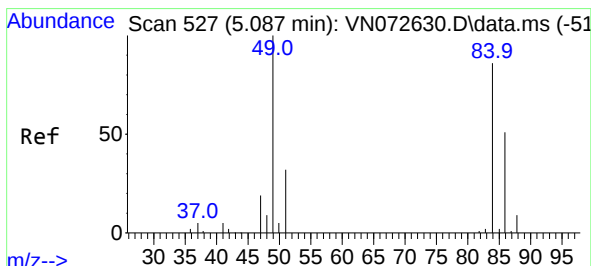
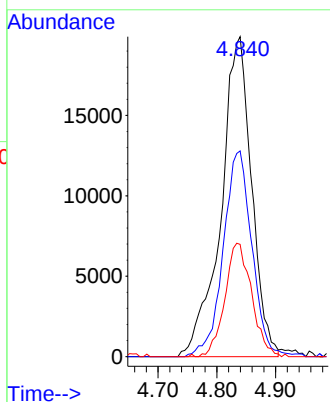
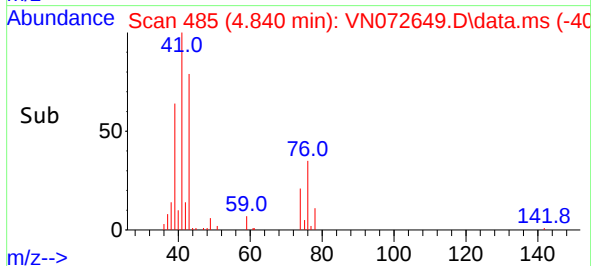
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01



Tgt Ion: 41 Resp: 72048
Ion Ratio Lower Upper
41 100
39 64.3 44.6 134.0
76 35.1 19.6 58.7

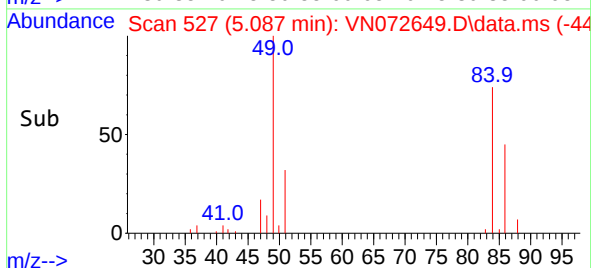
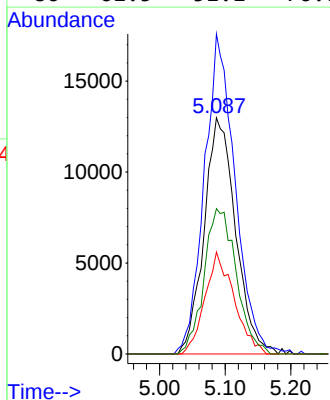
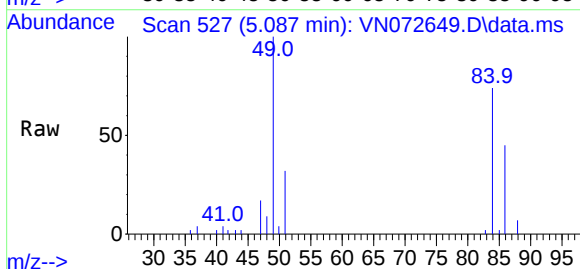
Manual Integrations
APPROVED

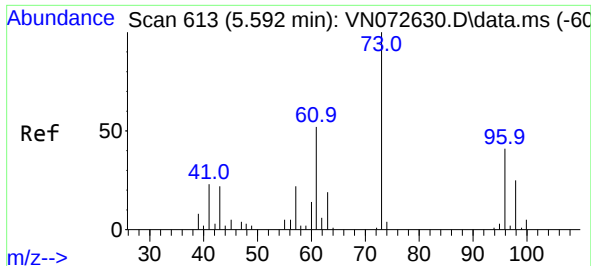
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#18
Methylene Chloride
Concen: 20.334 ug/l
RT: 5.087 min Scan# 527
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

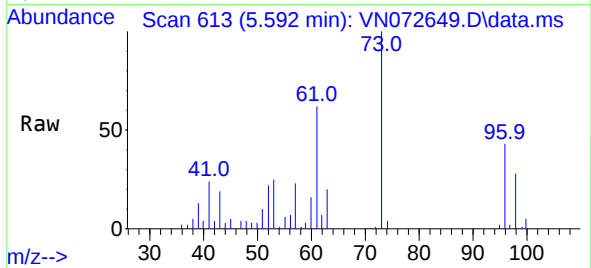
Tgt Ion: 84 Resp: 43327
Ion Ratio Lower Upper
84 100
49 133.5 91.4 137.0
51 43.1 29.4 44.0
86 61.5 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 21.135 ug/l
RT: 5.592 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

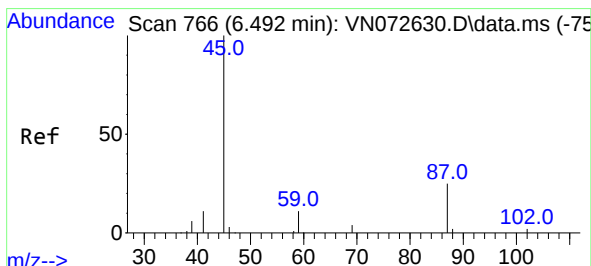
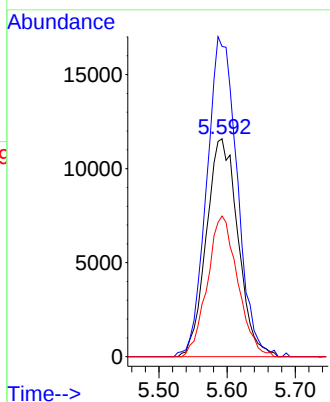
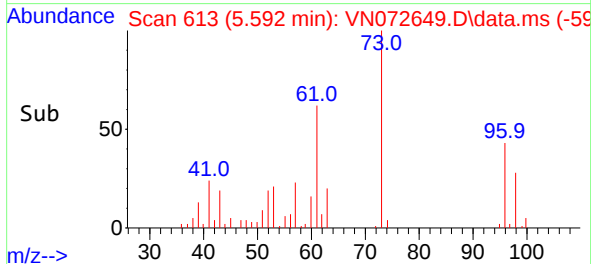
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01



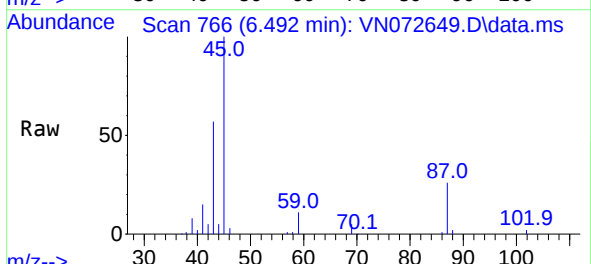
Tgt Ion: 96 Resp: 37460
Ion Ratio Lower Upper
96 100
61 142.4 102.8 154.2
98 64.5 49.3 73.9

Manual Integrations
APPROVED

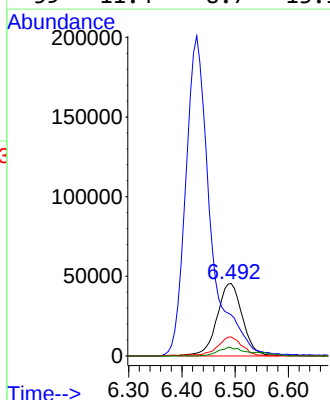
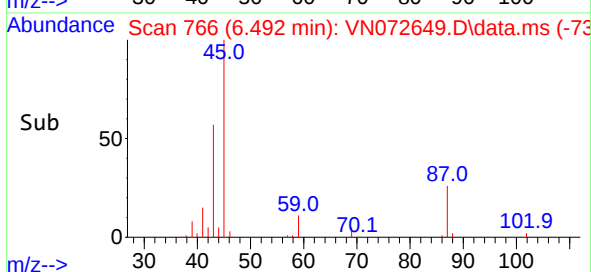
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

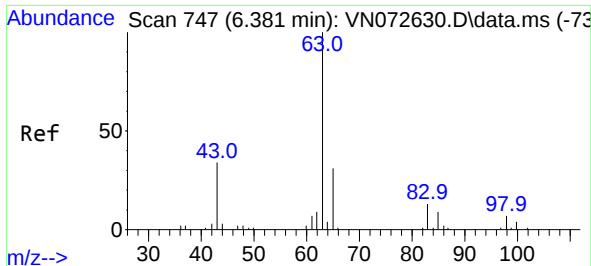


#20
Diisopropyl ether
Concen: 19.553 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55



Tgt Ion: 45 Resp: 150962
Ion Ratio Lower Upper
45 100
43 53.6 51.0 76.4
87 26.5 25.0 37.4
59 11.4 8.7 13.1





#21

1,1-Dichloroethane

Concen: 19.206 ug/l

RT: 6.375 min Scan# 74

Delta R.T. -0.006 min

Lab File: VN072649.D

Acq: 31 May 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBS01

Tgt Ion: 63 Resp: 75478

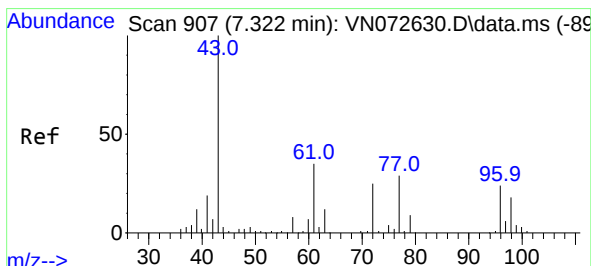
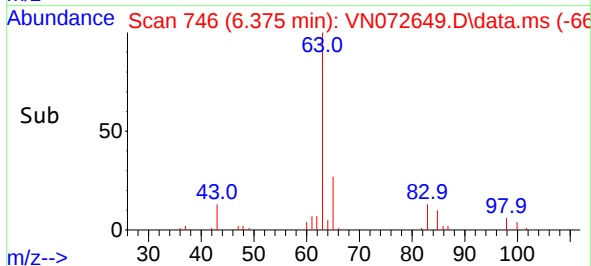
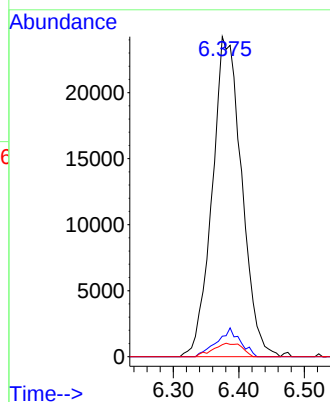
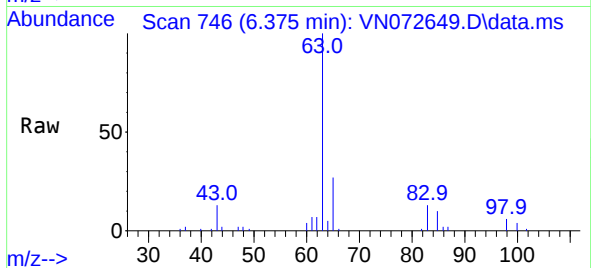
Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.2	9.6
100	3.7	2.1	6.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2022

Supervised By :Mahesh Dadoda 06/01/2022



#22

cis-1,2-Dichloroethene

Concen: 19.772 ug/l

RT: 7.322 min Scan# 907

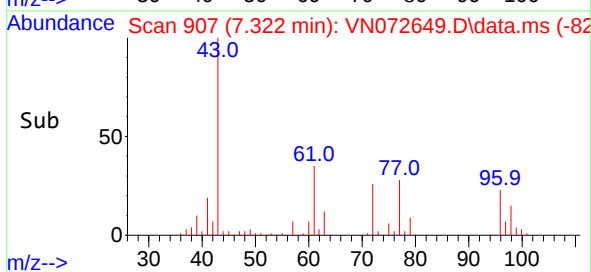
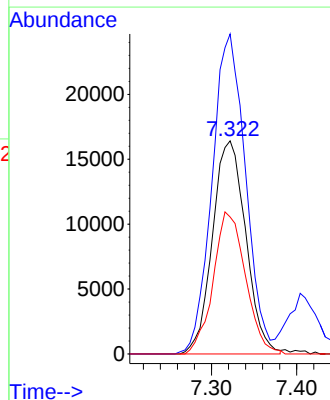
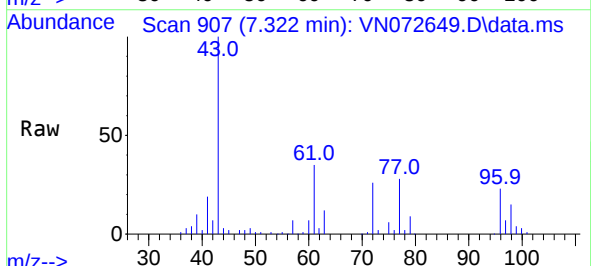
Delta R.T. 0.000 min

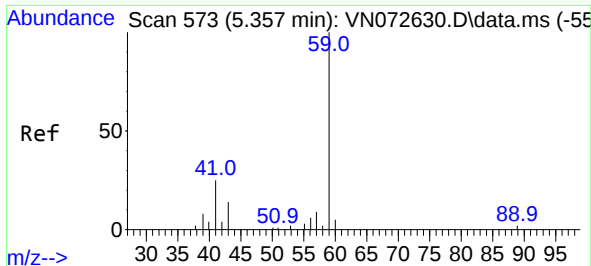
Lab File: VN072649.D

Acq: 31 May 2022 12:55

Tgt Ion: 96 Resp: 44518

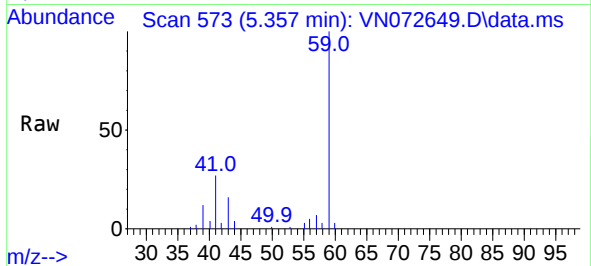
Ion	Ratio	Lower	Upper
96	100		
61	150.8	115.7	173.5
98	64.6	51.6	77.4





#23
tert-Butyl Alcohol
Concen: 99.784 ug/l
RT: 5.357 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

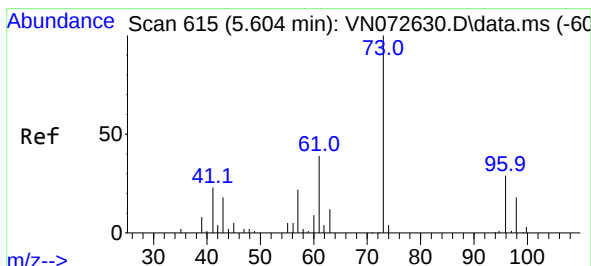
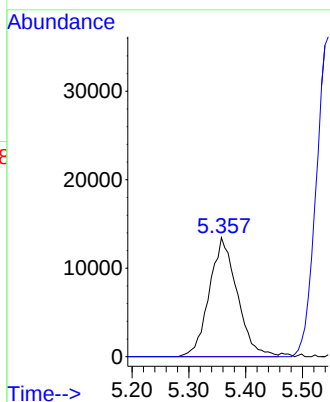
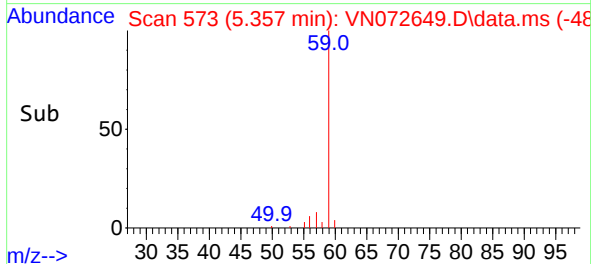
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01



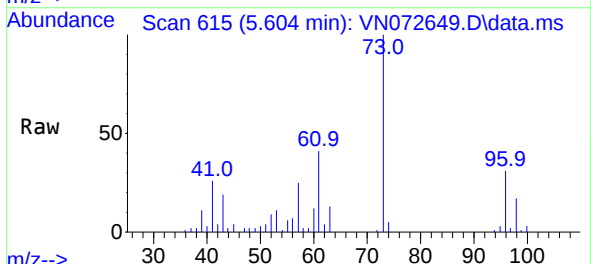
Tgt Ion: 59 Resp: 45890
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

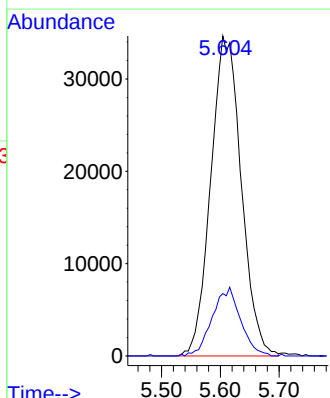
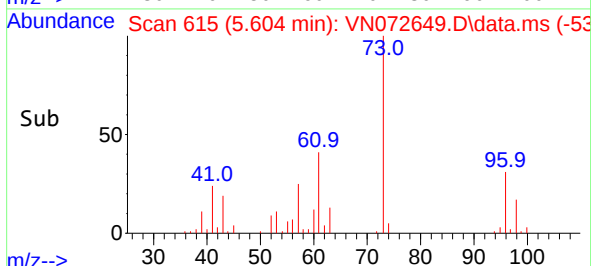
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

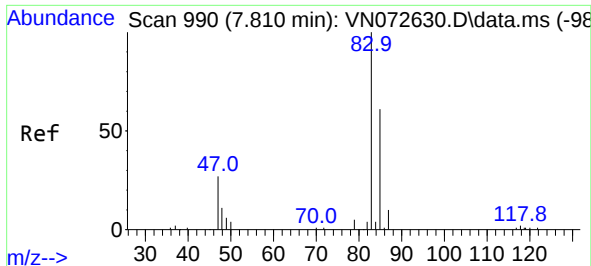


#24
Methyl tert-Butyl Ether
Concen: 20.055 ug/l
RT: 5.604 min Scan# 615
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55



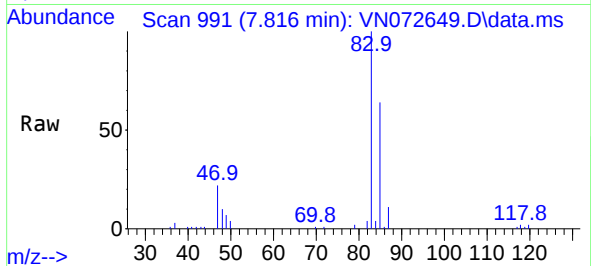
Tgt Ion: 73 Resp: 124874
Ion Ratio Lower Upper
73 100
43 10.8 18.1 27.1#





#25
Chloroform
Concen: 19.376 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

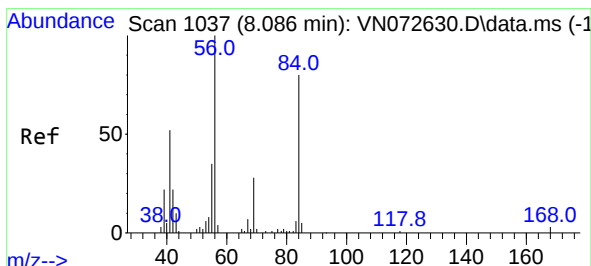
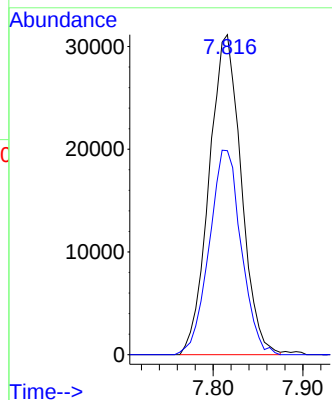
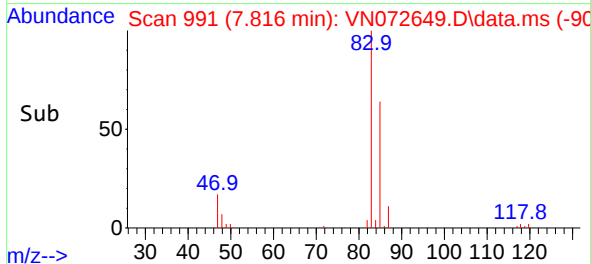
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01



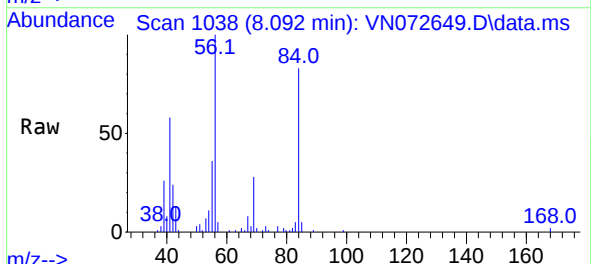
Tgt Ion: 83 Resp: 7736
Ion Ratio Lower Upper
83 100
85 63.7 51.3 76.9

Manual Integrations
APPROVED

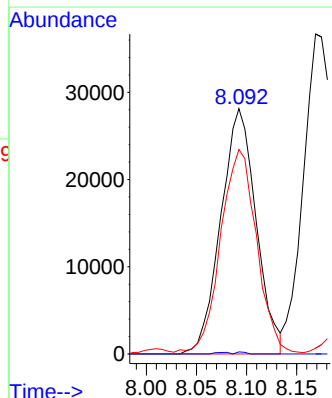
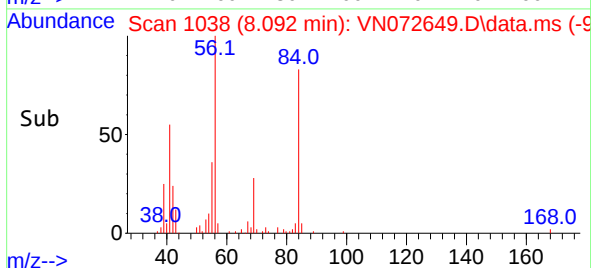
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

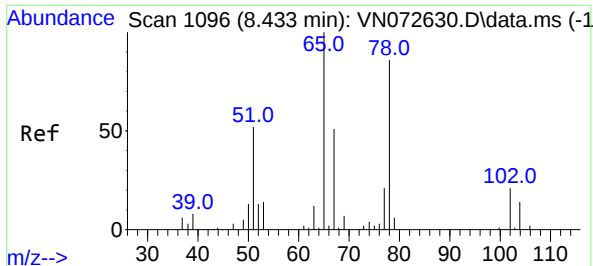


#26
Cyclohexane
Concen: 18.608 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55



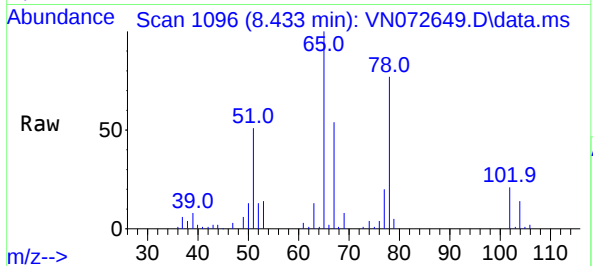
Tgt Ion: 56 Resp: 68971
Ion Ratio Lower Upper
56 100
89 0.2 0.1 0.1#
84 85.0 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 29.386 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

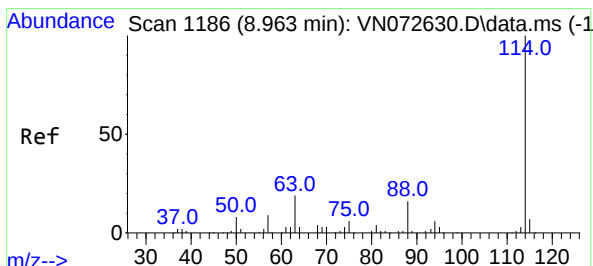
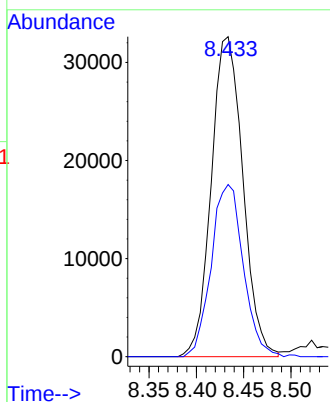
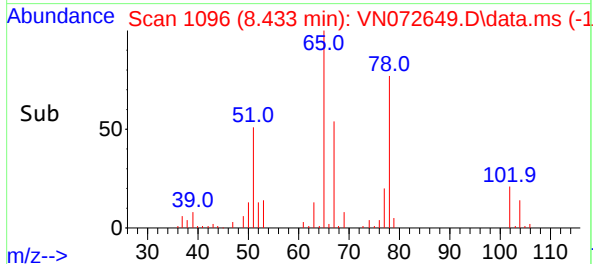
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01



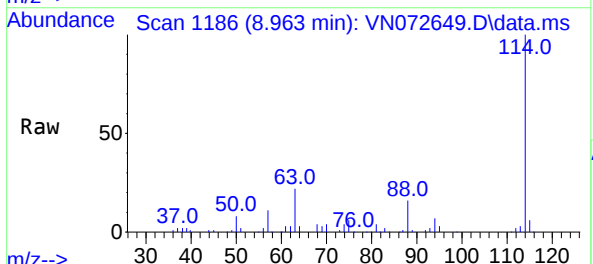
Tgt Ion: 65 Resp: 75680
Ion Ratio Lower Upper
65 100
67 54.5 40.2 60.2

Manual Integrations
APPROVED

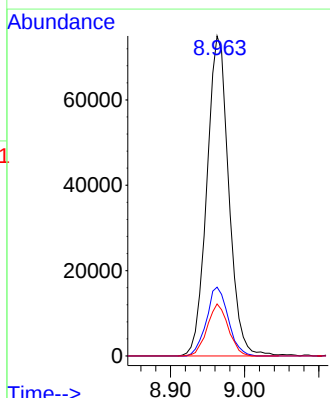
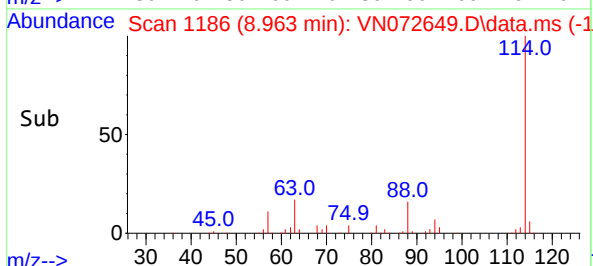
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

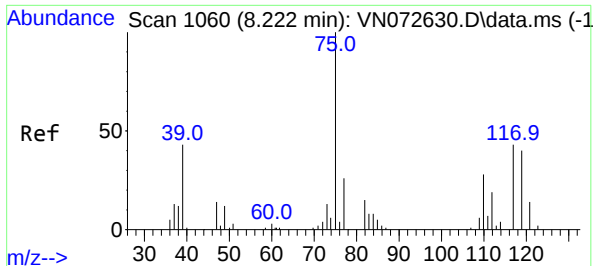


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55



Tgt Ion:114 Resp: 153736
Ion Ratio Lower Upper
114 100
63 21.4 15.8 23.6
88 15.7 11.6 17.4





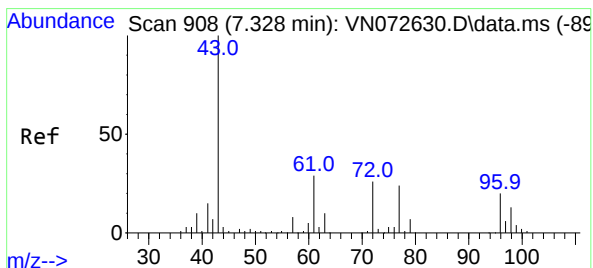
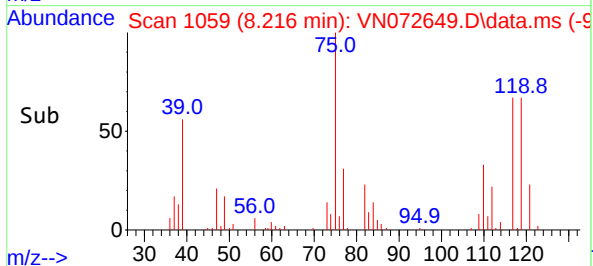
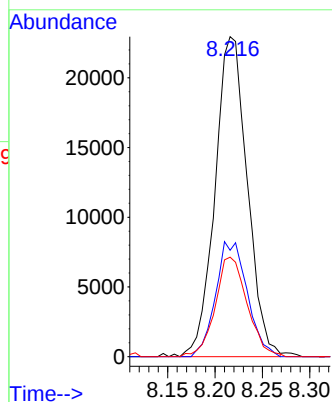
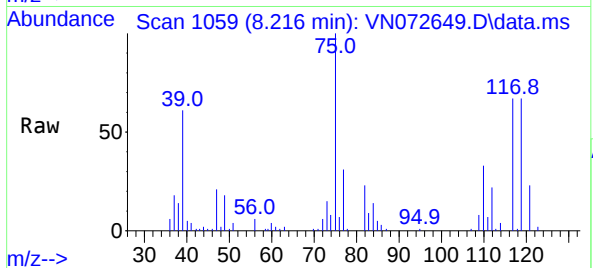
#29
1,1-Dichloropropene
Concen: 18.666 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

Tgt Ion: 75 Resp: 54269
Ion Ratio Lower Upper
75 100
110 35.4 0.0 74.2
77 30.8 0.0 63.2

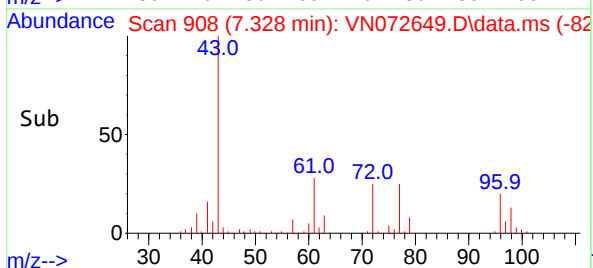
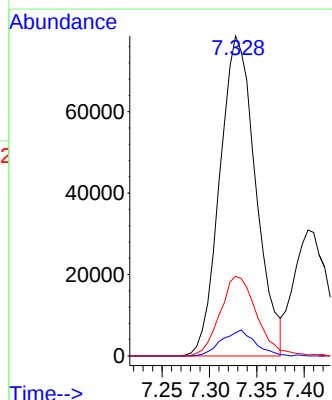
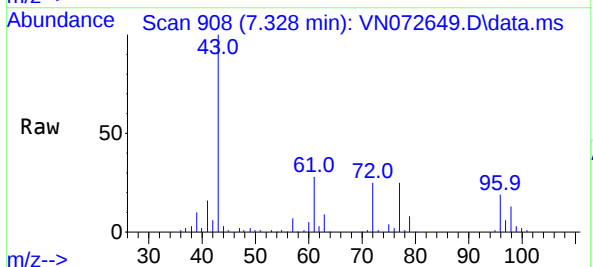
Manual Integrations
APPROVED

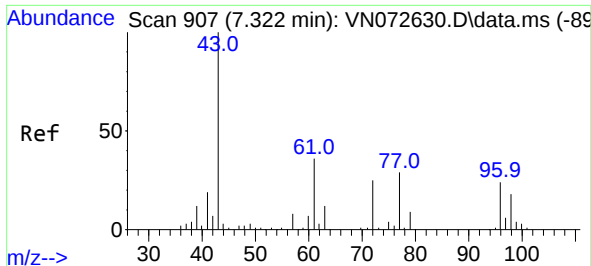
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#30
2-Butanone
Concen: 105.992 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

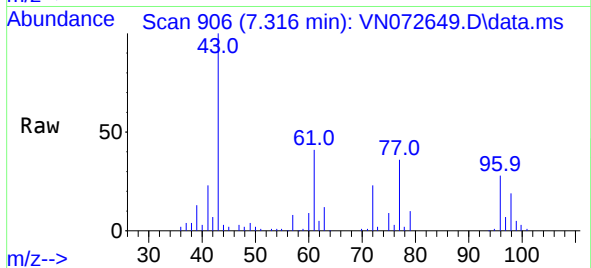
Tgt Ion: 43 Resp: 207512
Ion Ratio Lower Upper
43 100
57 7.6 6.7 10.1
72 25.4 23.2 34.8





#31
2,2-Dichloropropane
Concen: 20.916 ug/l
RT: 7.316 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

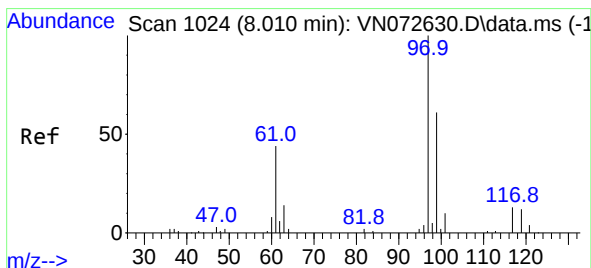
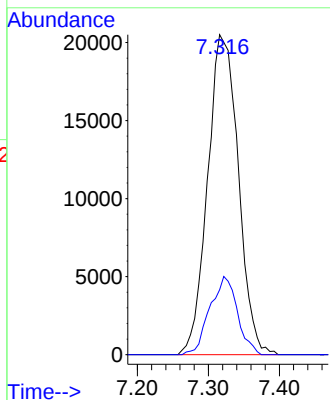
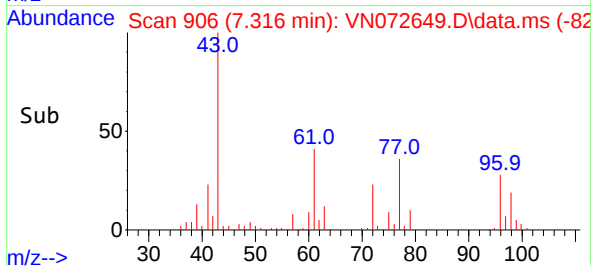
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01



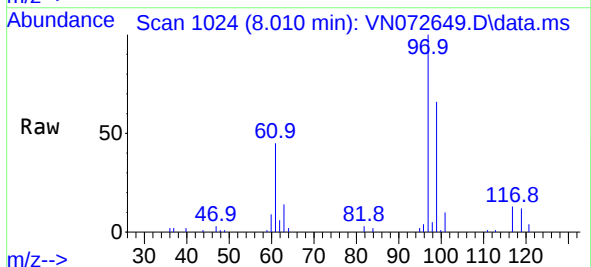
Tgt Ion: 77 Resp: 6159
Ion Ratio Lower Upper
77 100
97 21.9 18.3 27.5

Manual Integrations
APPROVED

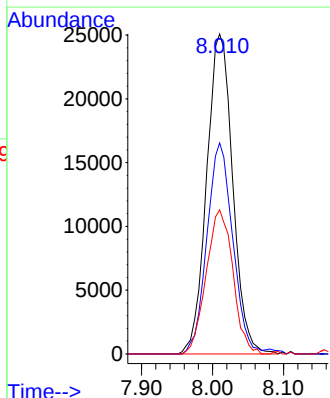
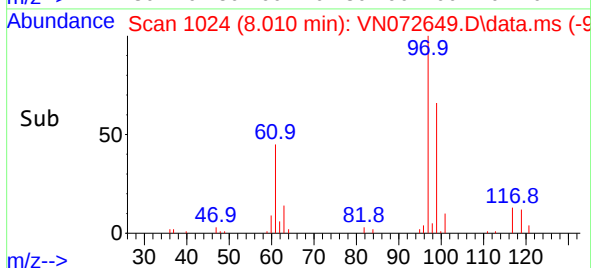
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

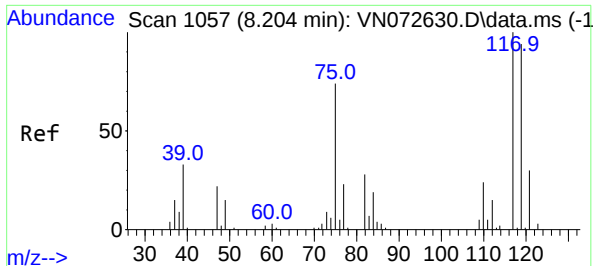


#32
1,1,1-Trichloroethane
Concen: 19.815 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55



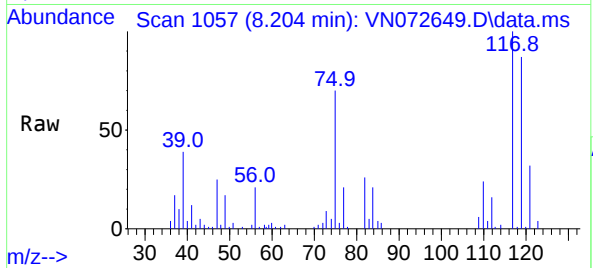
Tgt Ion: 97 Resp: 63909
Ion Ratio Lower Upper
97 100
99 65.3 50.4 75.6
61 46.1 34.6 51.8





#33
Carbon Tetrachloride
Concen: 19.826 ug/l
RT: 8.204 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

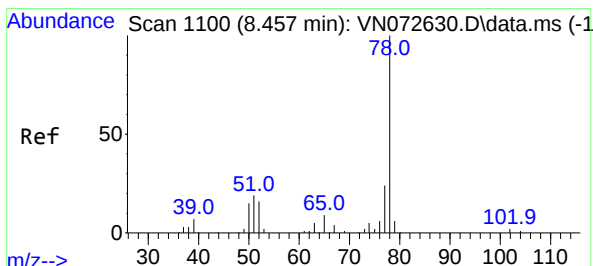
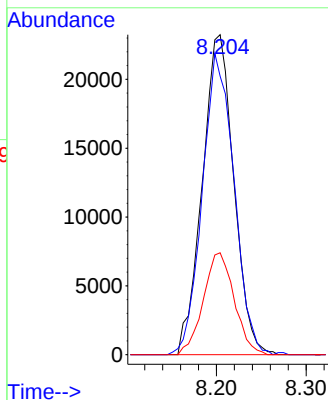
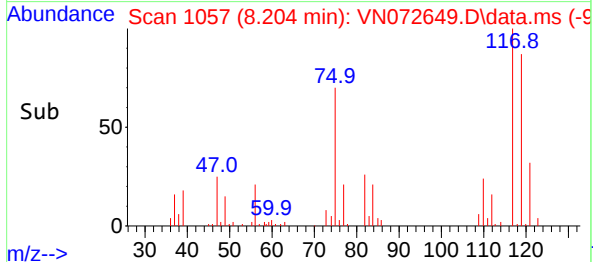
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01



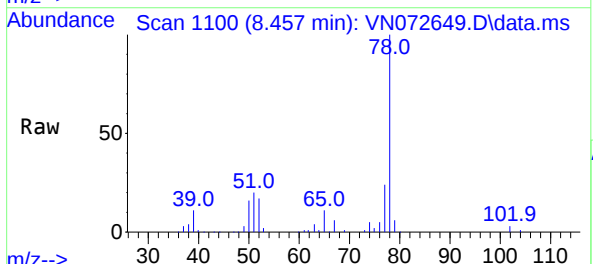
Tgt Ion:117 Resp: 5677
Ion Ratio Lower Upper
117 100
119 86.4 77.5 116.3
121 31.8 23.5 35.3

Manual Integrations
APPROVED

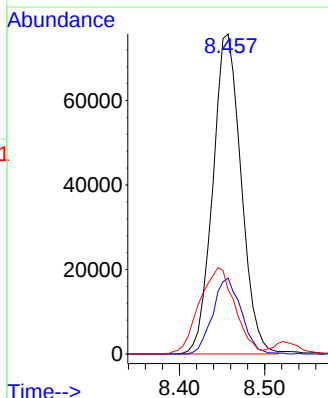
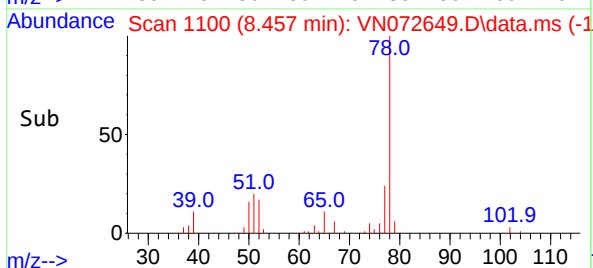
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

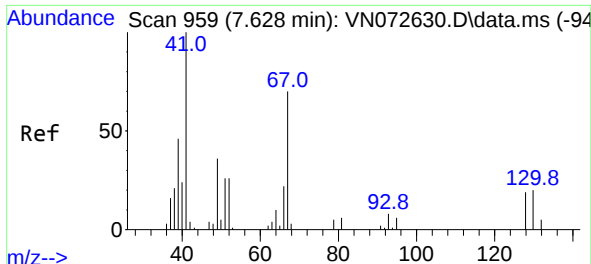


#34
Benzene
Concen: 19.104 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55



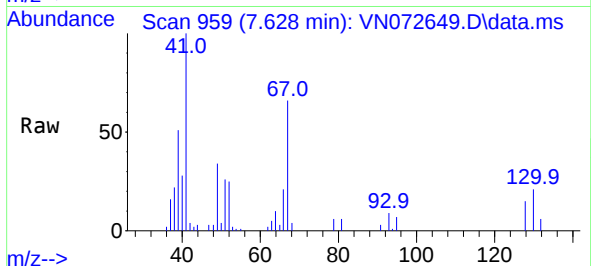
Tgt Ion: 78 Resp: 174605
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7
51 18.9 16.0 24.0





#35
Methacrylonitrile
Concen: 21.699 ug/l
RT: 7.628 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

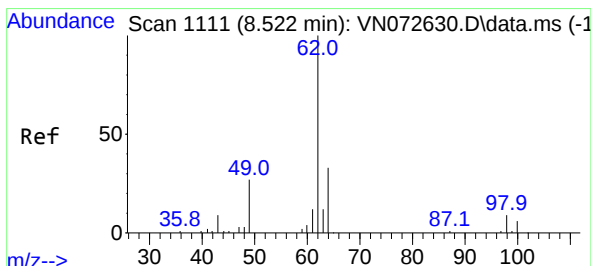
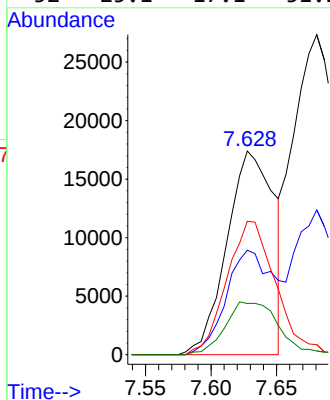
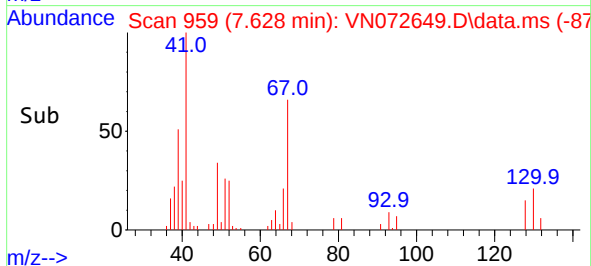
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01



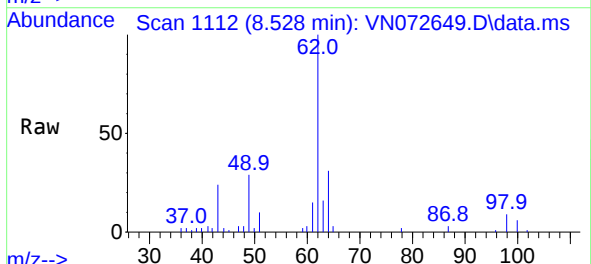
Tgt Ion: 41 Resp: 43332
Ion Ratio Lower Upper
41 100
39 51.3 28.0 83.9
67 65.5 37.7 113.1
52 25.1 17.1 51.2

Manual Integrations
APPROVED

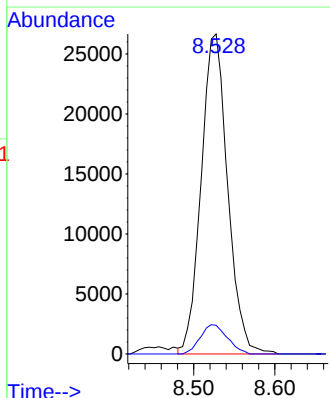
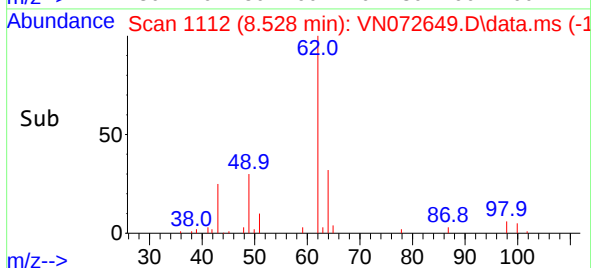
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

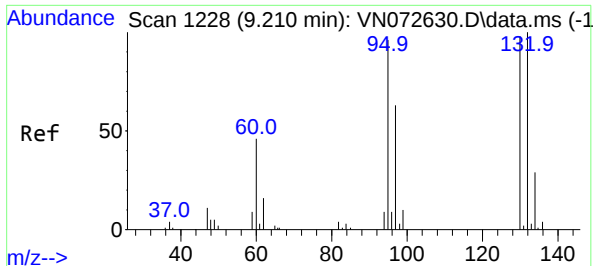


#36
1,2-Dichloroethane
Concen: 20.357 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55



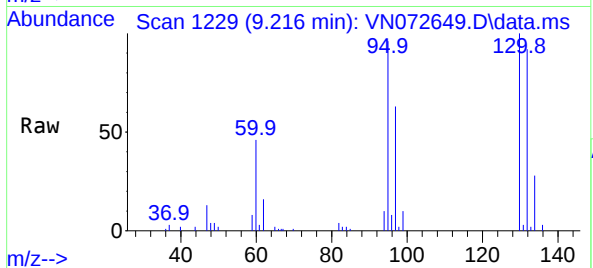
Tgt Ion: 62 Resp: 60455
Ion Ratio Lower Upper
62 100
98 9.3 6.6 10.0





#37
Trichloroethene
Concen: 18.676 ug/l
RT: 9.216 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

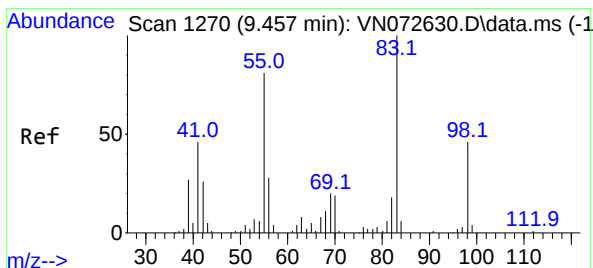
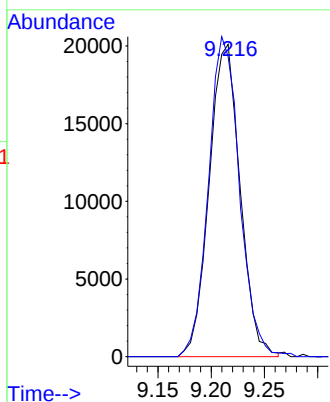
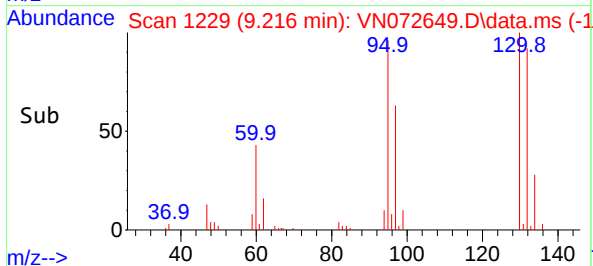
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01



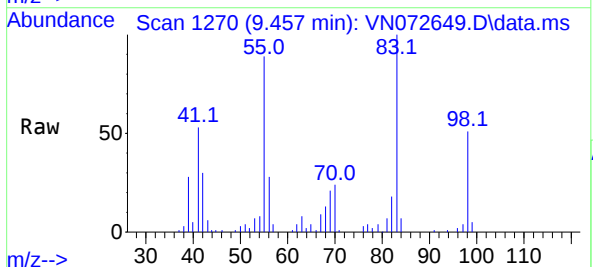
Tgt Ion:130 Resp: 4062
Ion Ratio Lower Upper
130 100
95 96.1 76.6 115.0

Manual Integrations
APPROVED

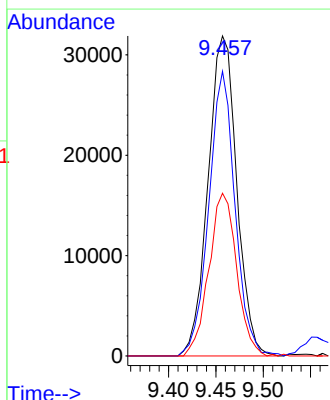
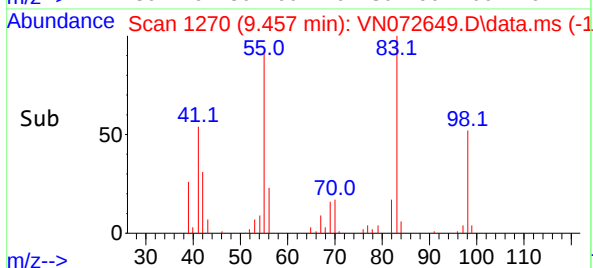
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

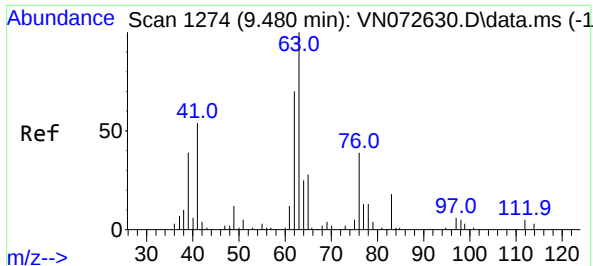


#38
Methylcyclohexane
Concen: 18.737 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55



Tgt Ion: 83 Resp: 67283
Ion Ratio Lower Upper
83 100
55 81.0 35.1 105.3
98 49.2 23.4 70.2





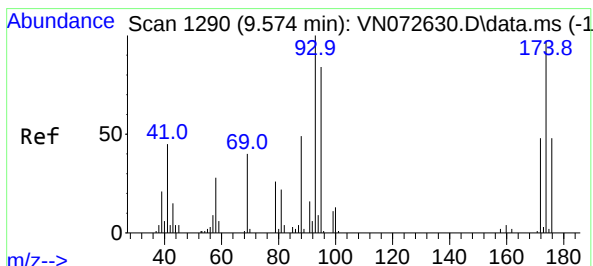
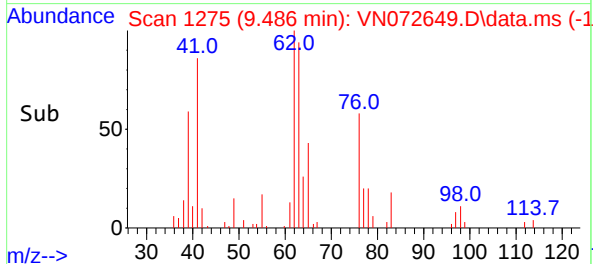
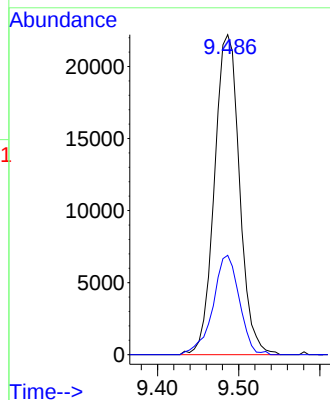
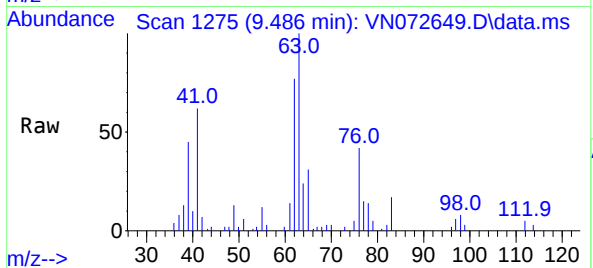
#39
1,2-Dichloropropane
Concen: 19.577 ug/l
RT: 9.486 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

Tgt Ion: 63 Resp: 4771
Ion Ratio Lower Upper
63 100
65 31.1 24.2 36.4

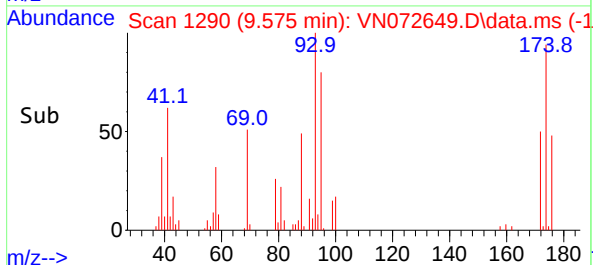
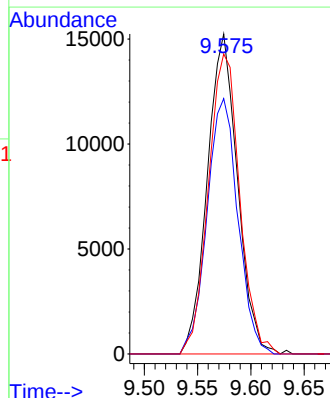
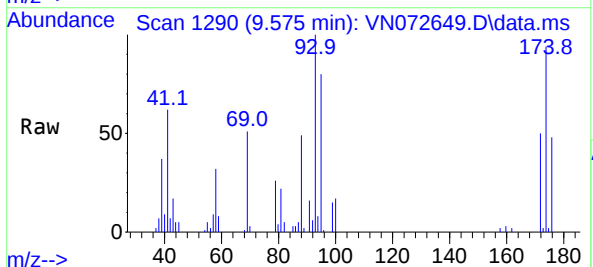
Manual Integrations
APPROVED

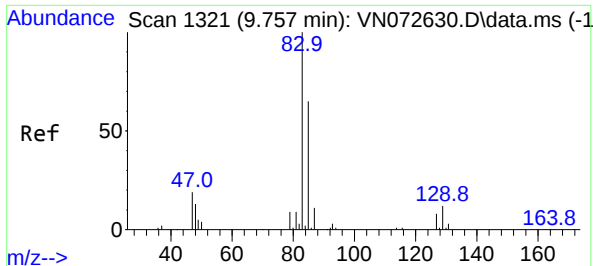
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#40
Dibromomethane
Concen: 19.401 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

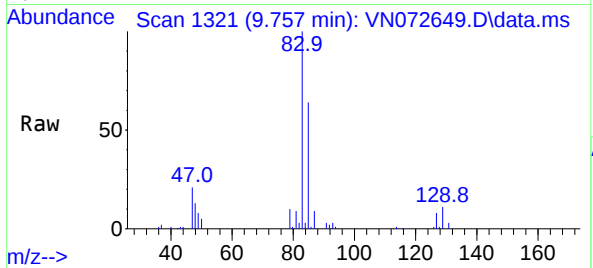
Tgt Ion: 93 Resp: 29983
Ion Ratio Lower Upper
93 100
95 81.7 0.0 168.8
174 97.5 0.0 173.6





#41
Bromodichloromethane
Concen: 20.078 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

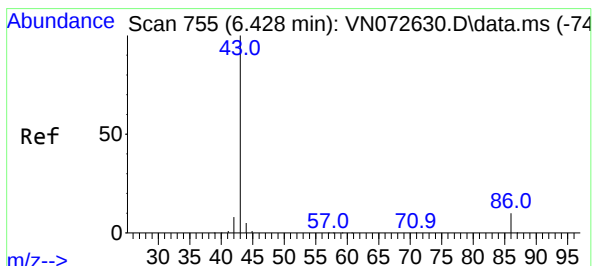
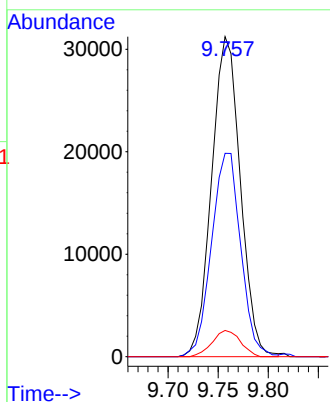
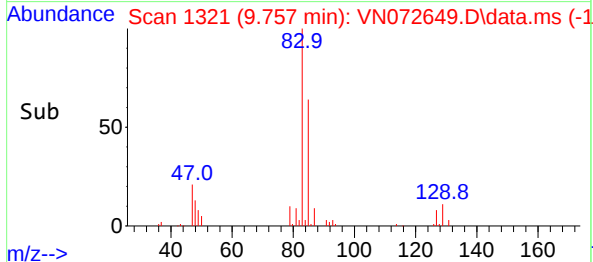
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01



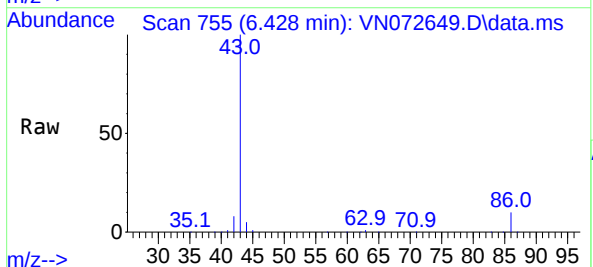
Tgt Ion: 83 Resp: 62200
Ion Ratio Lower Upper
83 100
85 63.6 54.1 81.1
127 9.4 7.6 11.4

Manual Integrations
APPROVED

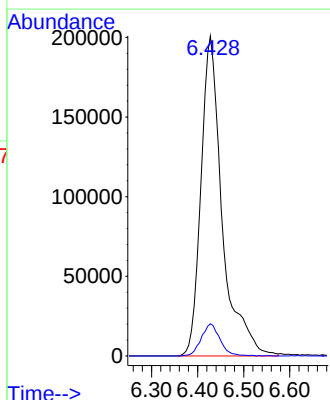
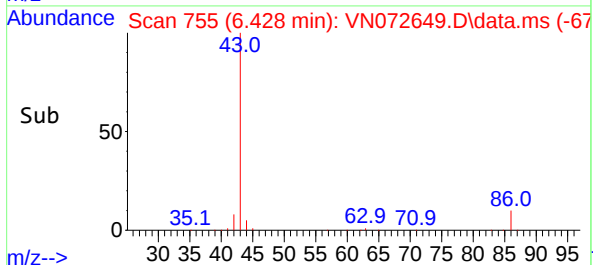
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

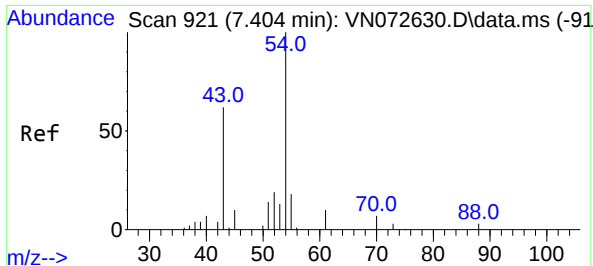


#42
Vinyl Acetate
Concen: 101.006 ug/l
RT: 6.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55



Tgt Ion: 43 Resp: 645405
Ion Ratio Lower Upper
43 100
86 8.8 7.5 11.3





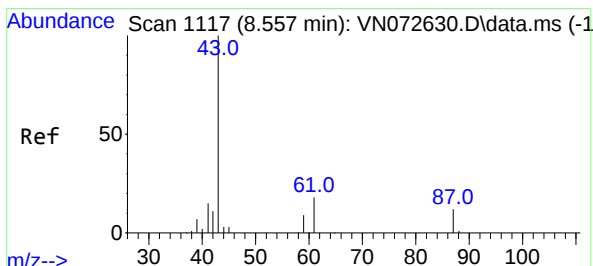
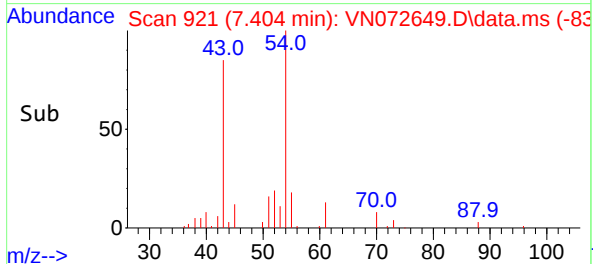
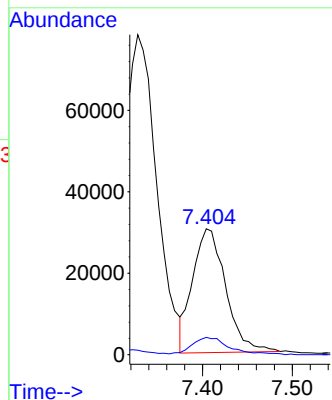
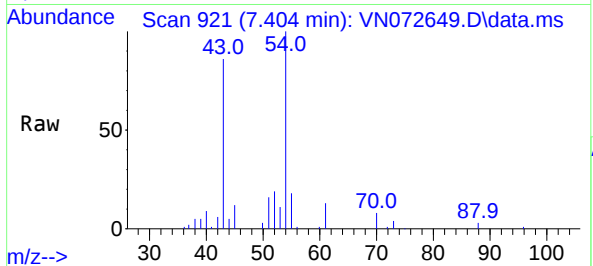
#43
Ethyl Acetate
Concen: 20.690 ug/l
RT: 7.404 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

Tgt Ion: 43 Resp: 7767
Ion Ratio Lower Upper
43 100
45 13.4 10.6 16.0

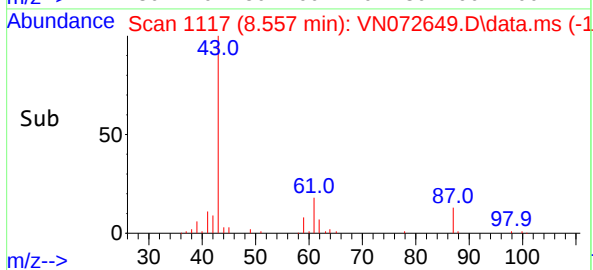
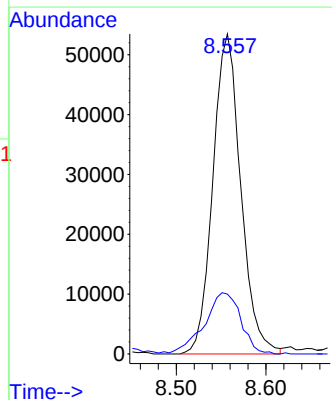
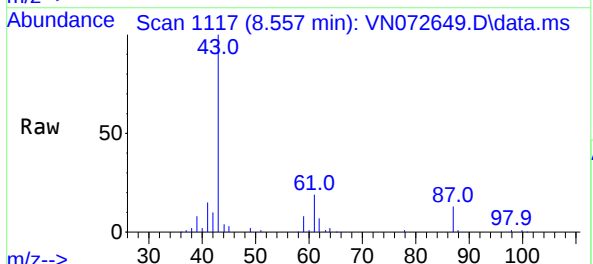
Manual Integrations
APPROVED

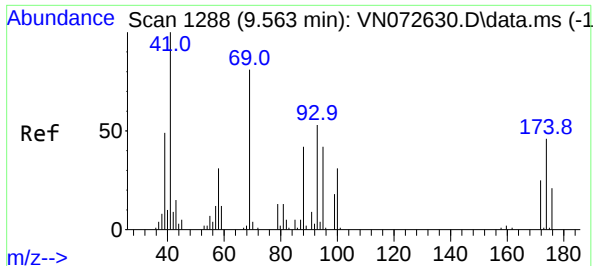
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#44
Isopropyl Acetate
Concen: 19.743 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

Tgt Ion: 43 Resp: 115489
Ion Ratio Lower Upper
43 100
61 25.1 20.1 30.1





#45

1,4-Dioxane

Concen: 454.900 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. 0.006 min

Lab File: VN072649.D

Acq: 31 May 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBS01

Tgt Ion: 88 Resp: 2231

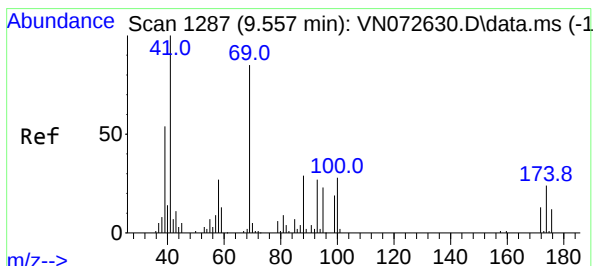
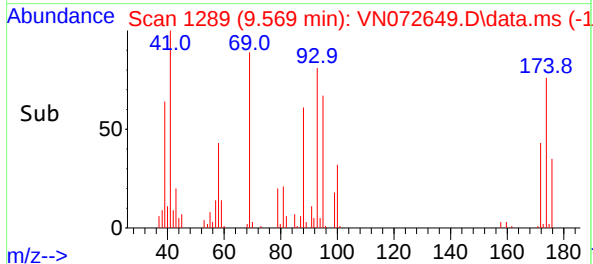
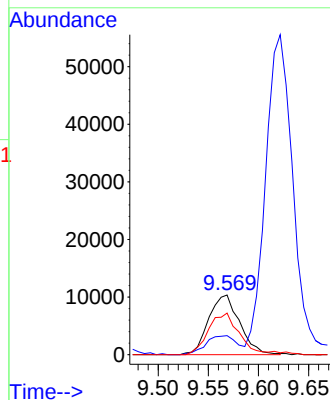
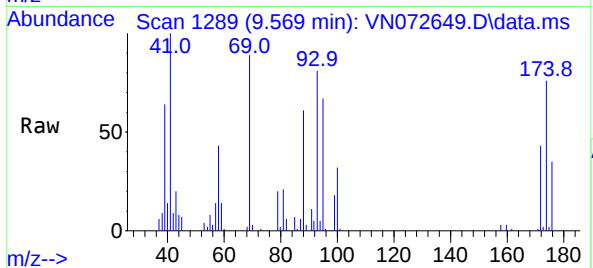
Ion	Ratio	Lower	Upper
88	100		
43	32.7	25.0	37.6
58	68.3	49.4	74.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2022

Supervised By :Mahesh Dadoda 06/01/2022



#46

Methyl methacrylate

Concen: 20.532 ug/l

RT: 9.557 min Scan# 1287

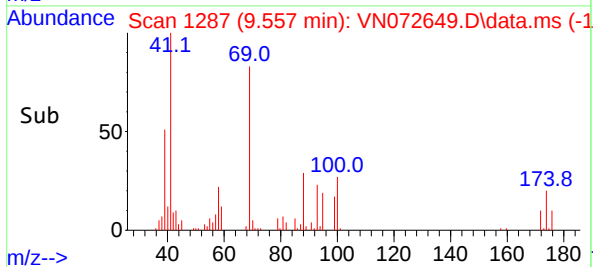
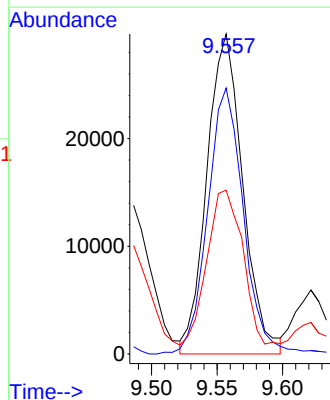
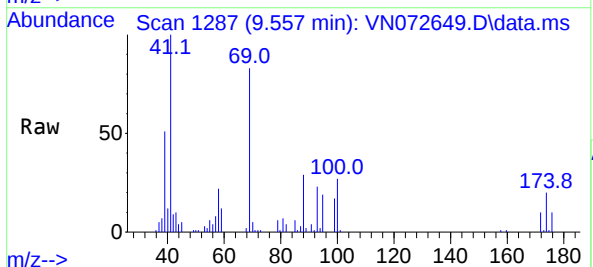
Delta R.T. 0.000 min

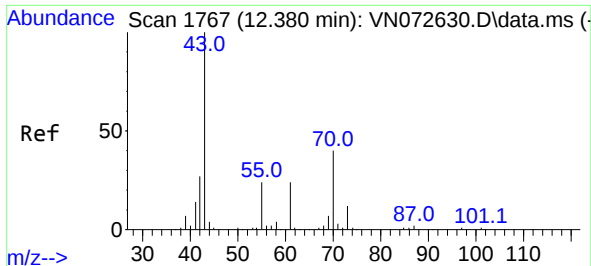
Lab File: VN072649.D

Acq: 31 May 2022 12:55

Tgt Ion: 41 Resp: 56588

Ion	Ratio	Lower	Upper
41	100		
69	84.9	44.4	133.2
39	50.5	39.9	119.6





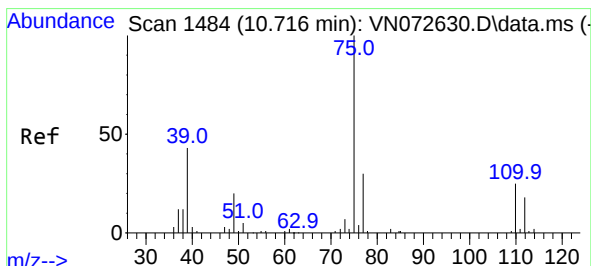
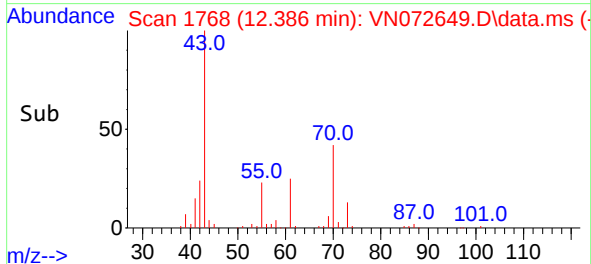
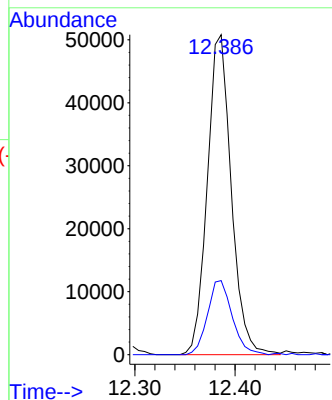
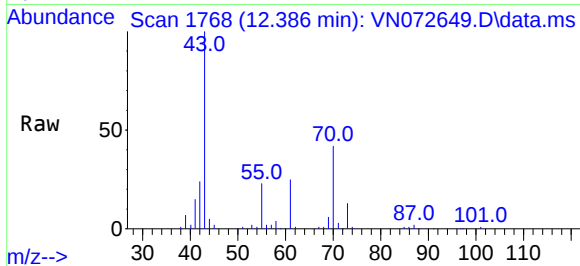
#47
n-amy1 Acetate
Concen: 19.827 ug/l
RT: 12.386 min Scan# 1767
Delta R.T. 0.006 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

Tgt Ion: 43 Resp: 84504
Ion Ratio Lower Upper
43 100
55 23.8 19.0 28.6

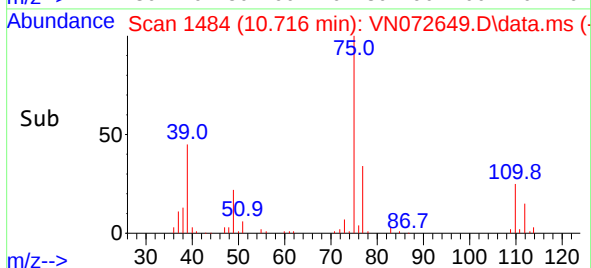
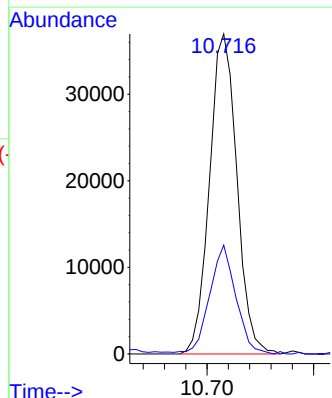
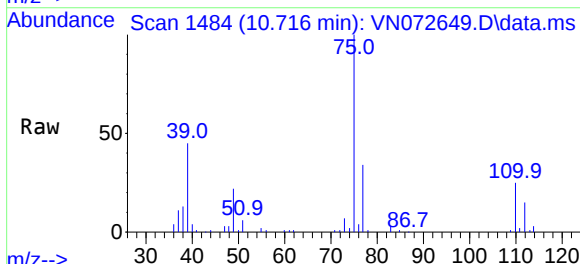
Manual Integrations
APPROVED

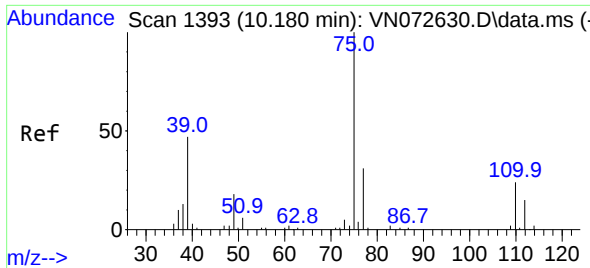
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#48
t-1,3-Dichloropropene
Concen: 19.705 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

Tgt Ion: 75 Resp: 65937
Ion Ratio Lower Upper
75 100
77 33.3 25.3 37.9





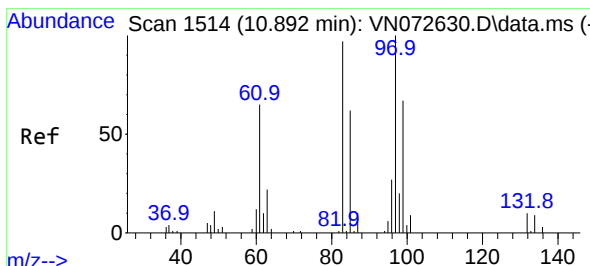
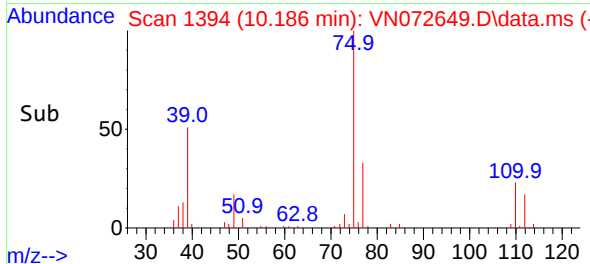
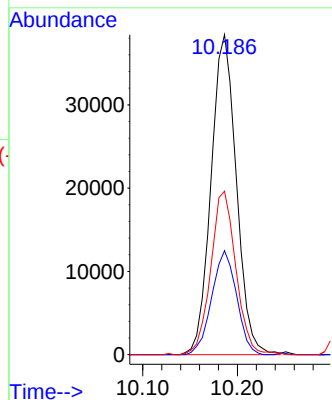
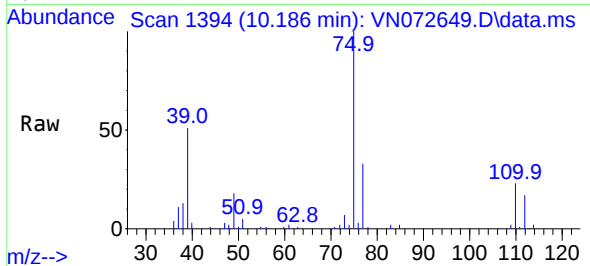
#49
cis-1,3-Dichloropropene
Concen: 19.374 ug/l
RT: 10.186 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

Tgt Ion: 75 Resp: 7143
Ion Ratio Lower Upper
75 100
77 32.5 25.3 37.9
39 51.1 46.2 69.4

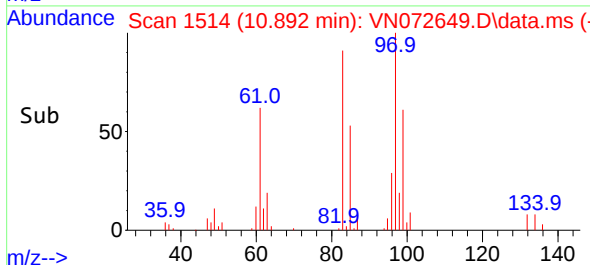
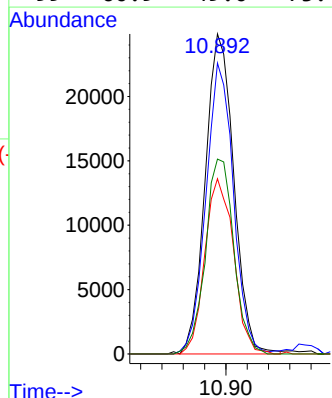
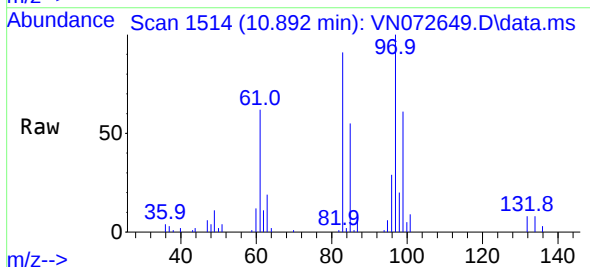
Manual Integrations
APPROVED

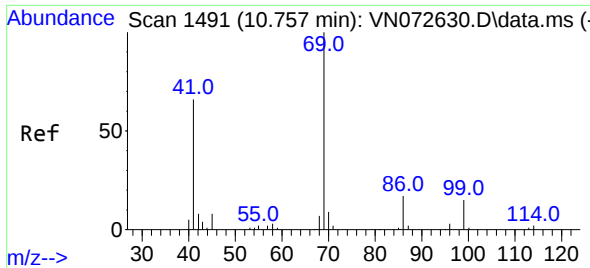
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#50
1,1,2-Trichloroethane
Concen: 20.393 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

Tgt Ion: 97 Resp: 46333
Ion Ratio Lower Upper
97 100
83 90.0 67.2 100.8
85 54.8 43.0 64.4
99 60.9 49.0 73.4





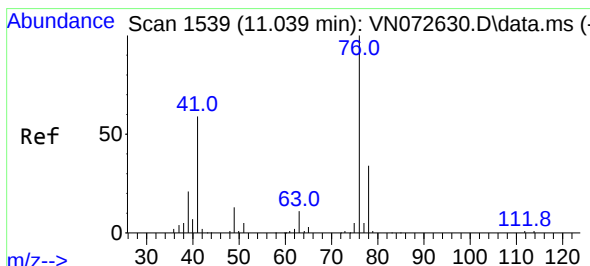
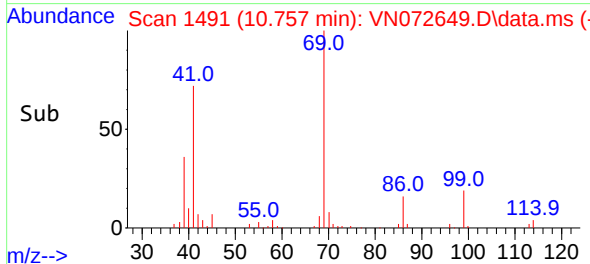
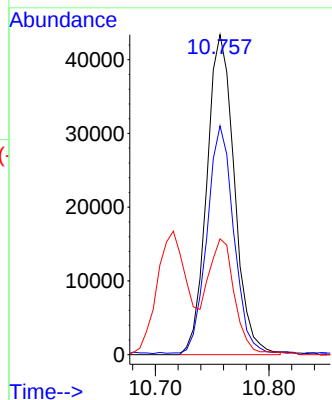
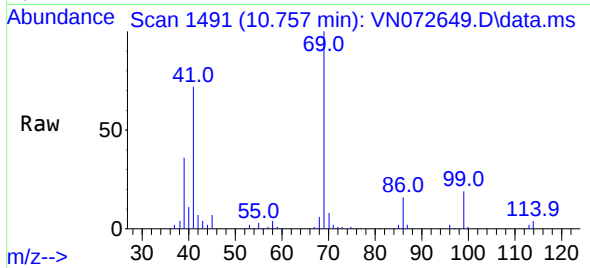
#51
Ethyl methacrylate
Concen: 19.115 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

Tgt Ion: 69 Resp: 73220
Ion Ratio Lower Upper
69 100
41 71.0 33.0 98.9
39 35.5 25.4 76.4

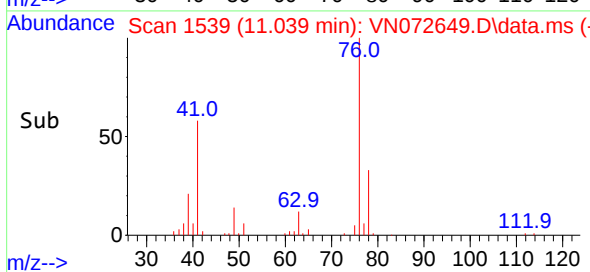
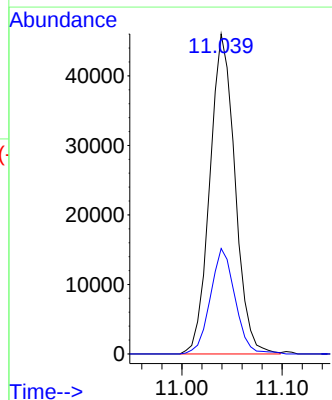
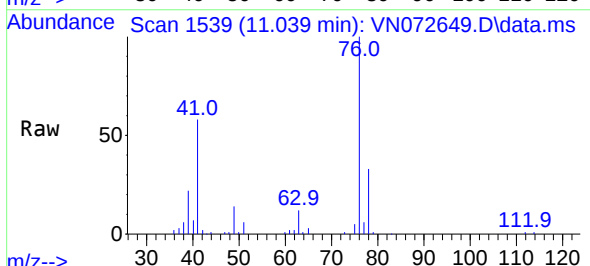
Manual Integrations
APPROVED

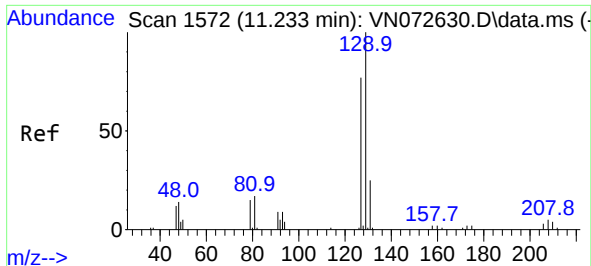
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#52
1,3-Dichloropropane
Concen: 20.064 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

Tgt Ion: 76 Resp: 80384
Ion Ratio Lower Upper
76 100
78 32.4 0.0 65.4





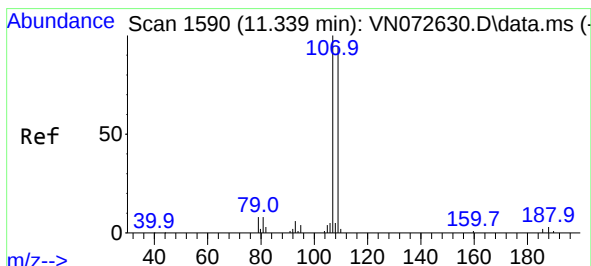
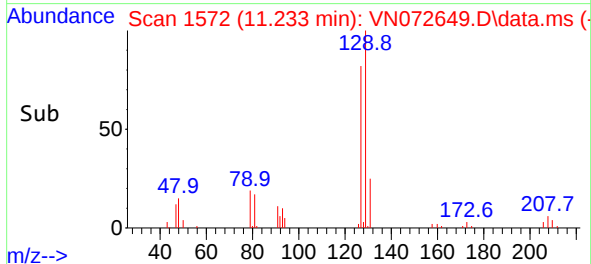
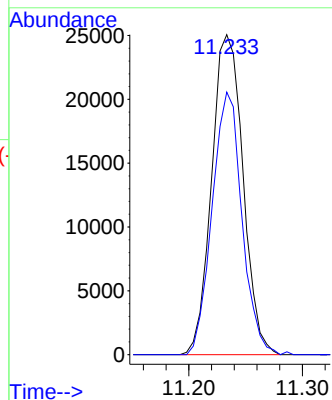
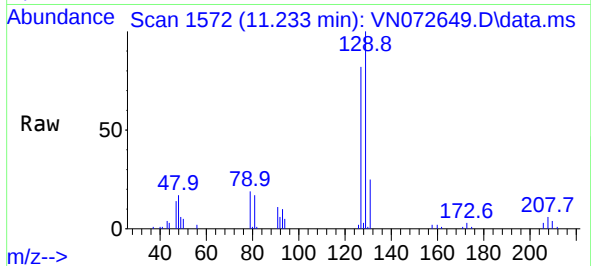
#53
Dibromochloromethane
Concen: 20.588 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

Tgt Ion:129 Resp: 4808
Ion Ratio Lower Upper
129 100
127 77.9 39.0 117.0

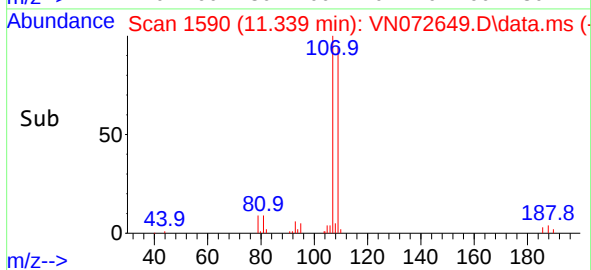
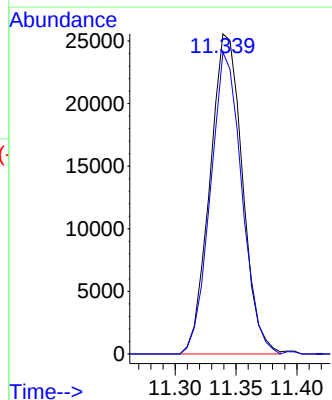
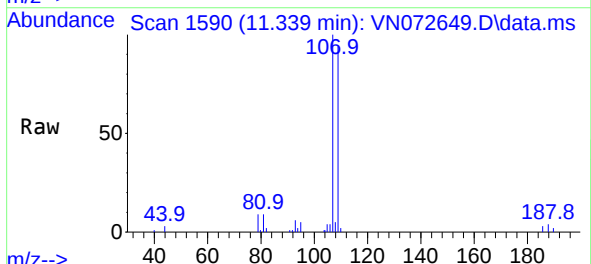
Manual Integrations
APPROVED

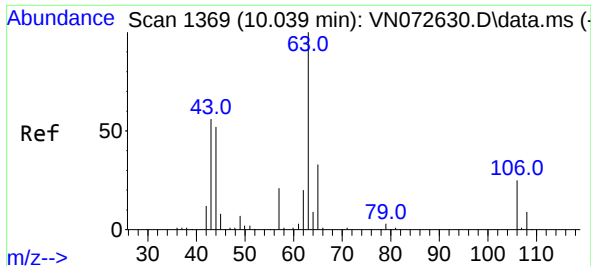
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#54
1,2-Dibromoethane
Concen: 20.343 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

Tgt Ion:107 Resp: 47459
Ion Ratio Lower Upper
107 100
109 91.0 72.8 109.2





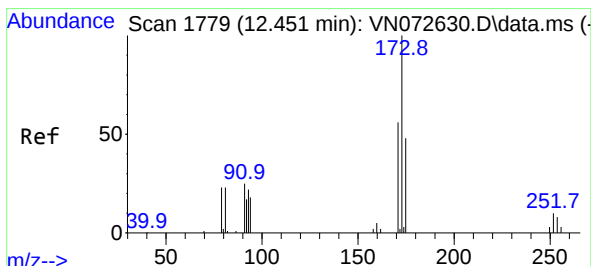
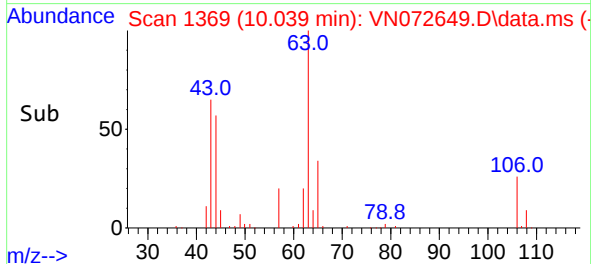
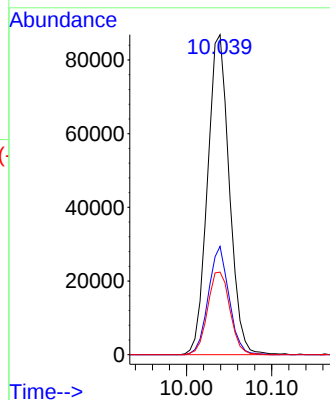
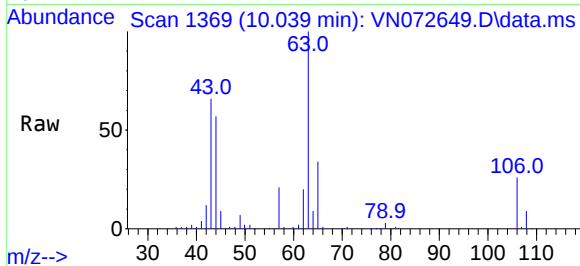
#55
2-Chloroethyl vinyl ether
Concen: 92.024 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

Tgt Ion: 63 Resp: 15420
Ion Ratio Lower Upper
63 100
65 32.1 25.4 38.0
106 26.5 23.2 34.8

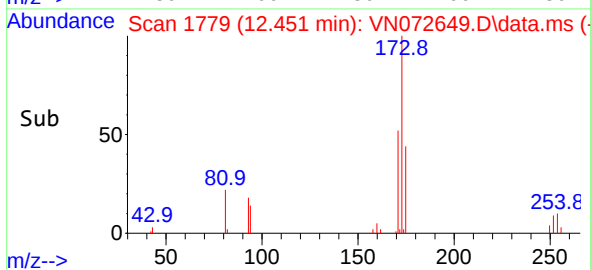
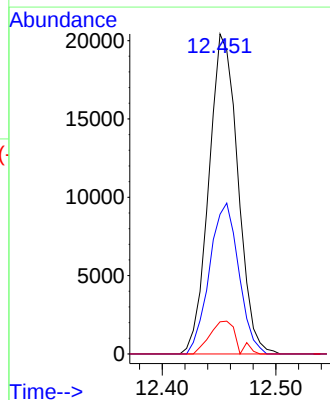
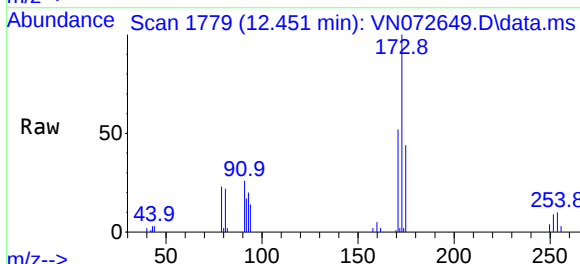
Manual Integrations
APPROVED

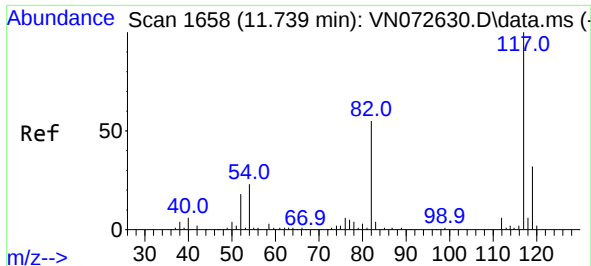
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#56
Bromoform
Concen: 21.510 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

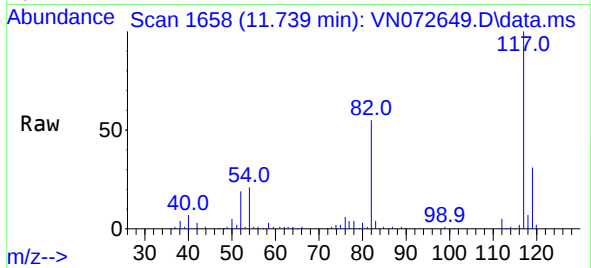
Tgt Ion:173 Resp: 36271
Ion Ratio Lower Upper
173 100
175 47.5 38.6 58.0
254 8.5 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

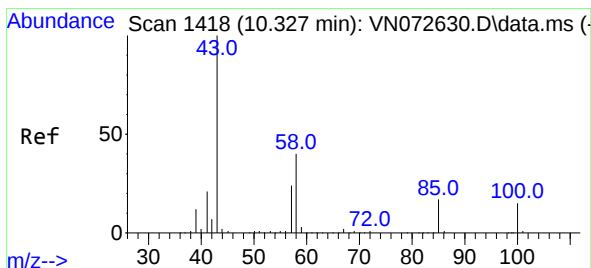
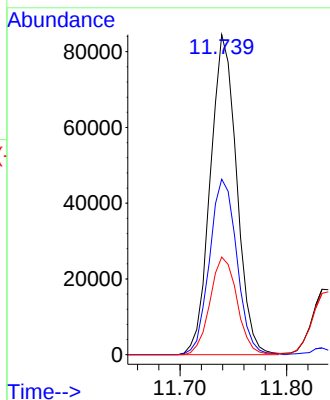
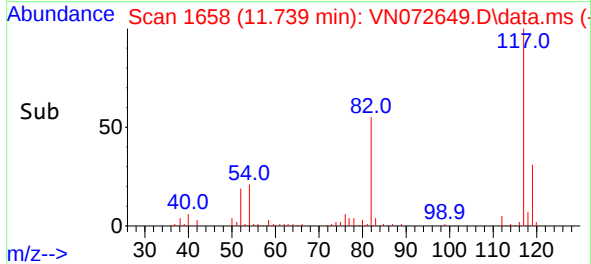
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01



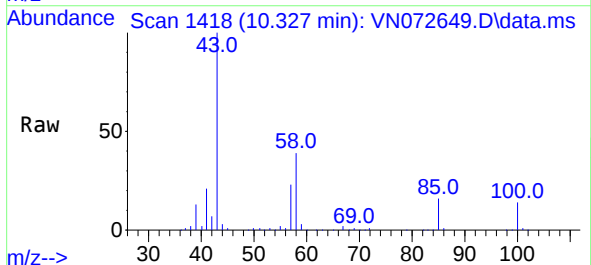
Tgt Ion: 117 Resp: 145050
Ion Ratio Lower Upper
117 100
82 56.8 43.6 65.4
119 31.2 25.8 38.6

Manual Integrations
APPROVED

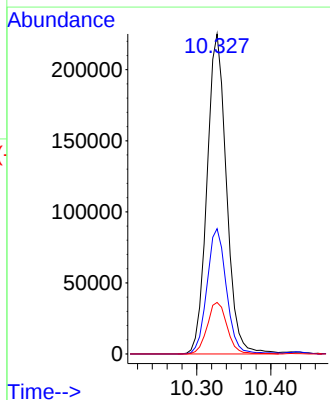
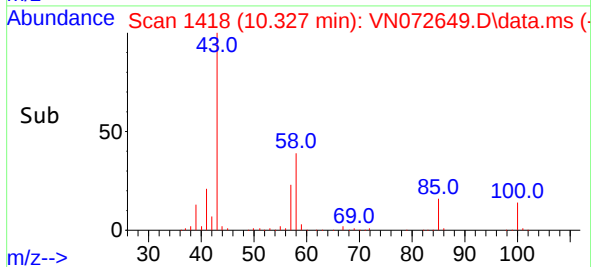
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

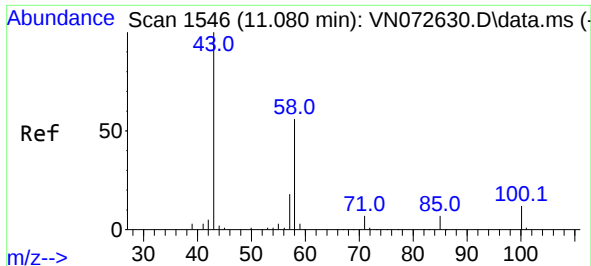


#58
4-Methyl-2-Pentanone
Concen: 98.036 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55



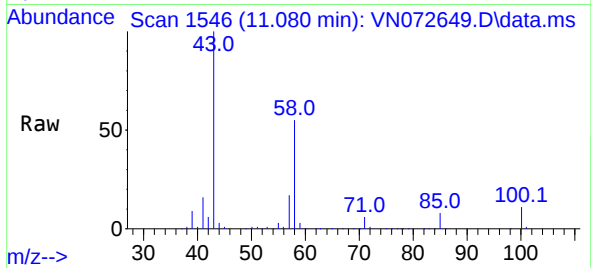
Tgt Ion: 43 Resp: 410762
Ion Ratio Lower Upper
43 100
58 39.0 30.0 45.0
85 16.5 15.0 22.6





#59
2-Hexanone
Concen: 102.402 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

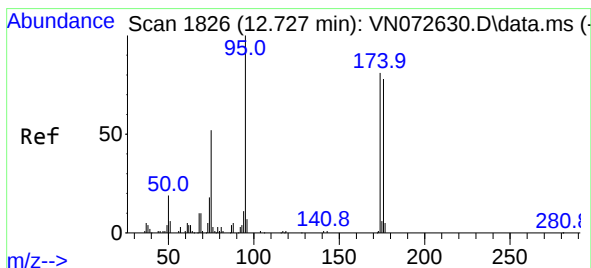
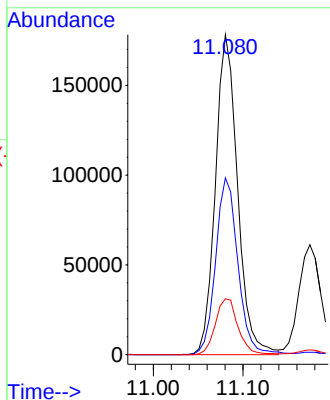
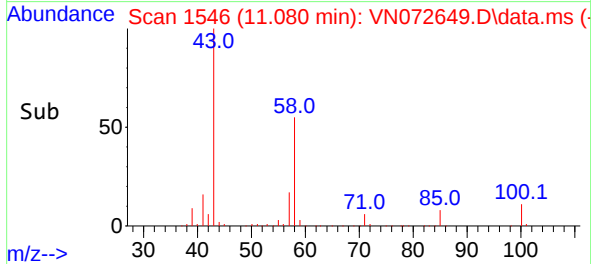
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01



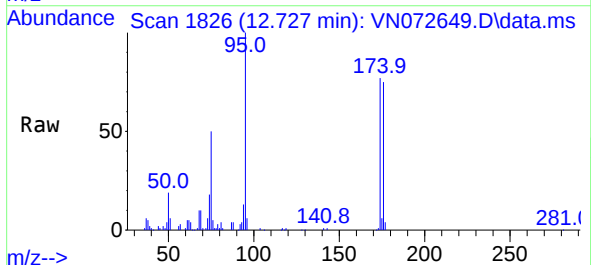
Tgt Ion: 43 Resp: 30599
Ion Ratio Lower Upper
43 100
58 55.6 42.2 63.2
57 17.9 15.0 22.4

Manual Integrations
APPROVED

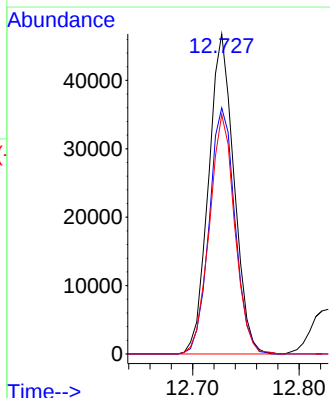
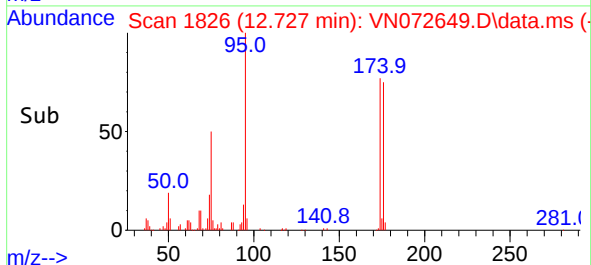
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

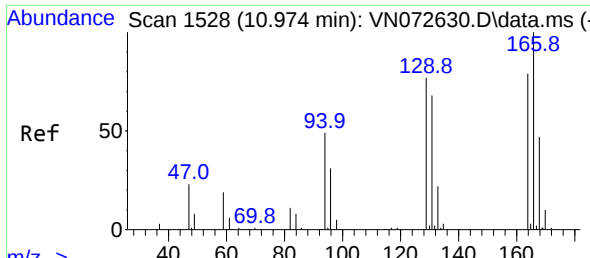


#60
4-Bromofluorobenzene
Concen: 30.432 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55



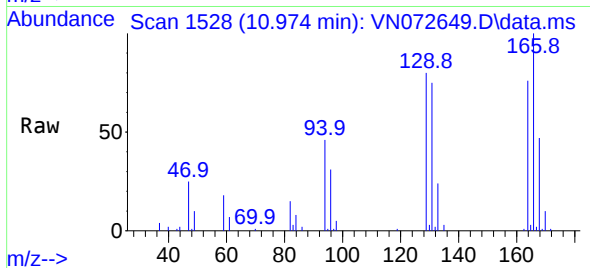
Tgt Ion: 95 Resp: 77525
Ion Ratio Lower Upper
95 100
174 77.7 62.9 94.3
176 74.3 61.0 91.4





#61
Tetrachloroethene
Concen: 19.115 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

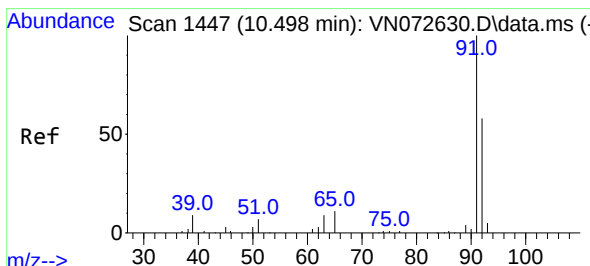
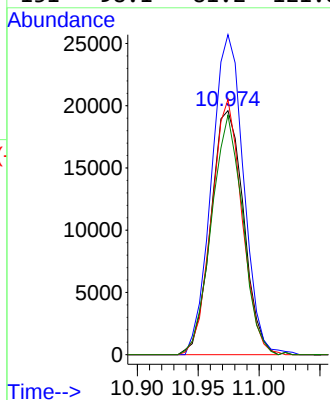
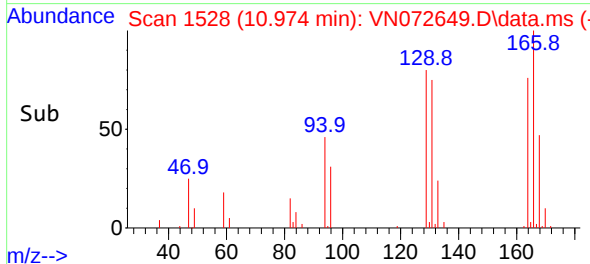
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01



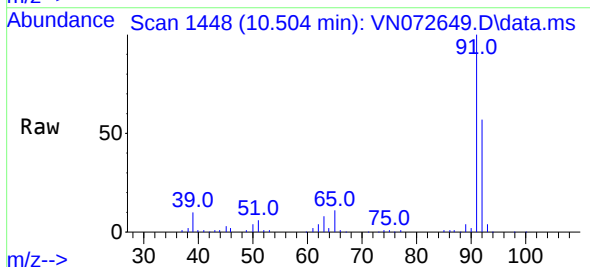
Tgt Ion:164 Resp: 36690
Ion Ratio Lower Upper
164 100
166 131.1 105.8 158.8
129 104.6 82.5 123.7
131 98.1 81.2 121.8

Manual Integrations
APPROVED

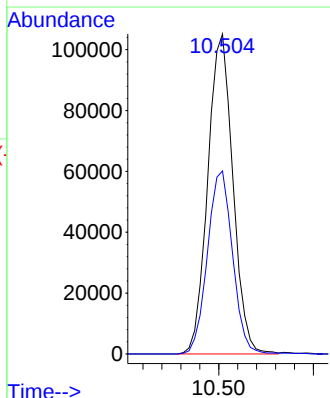
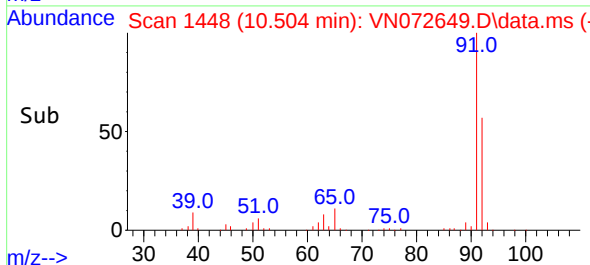
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

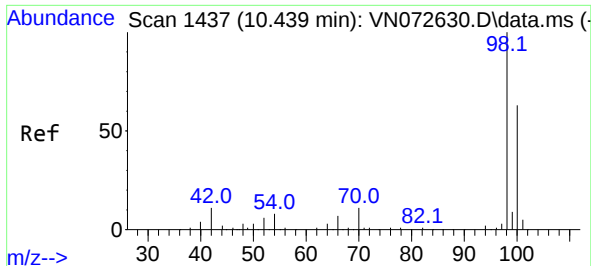


#62
Toluene
Concen: 18.992 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55



Tgt Ion: 91 Resp: 193397
Ion Ratio Lower Upper
91 100
92 57.4 44.6 67.0





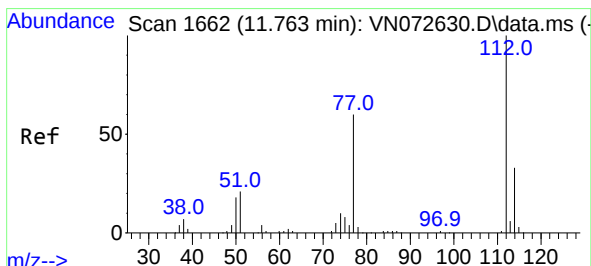
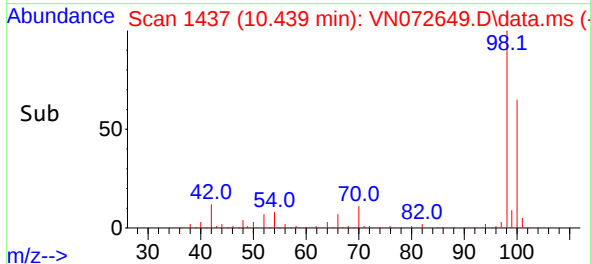
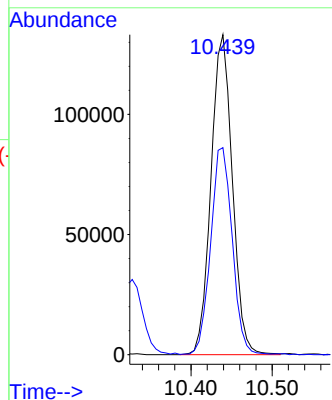
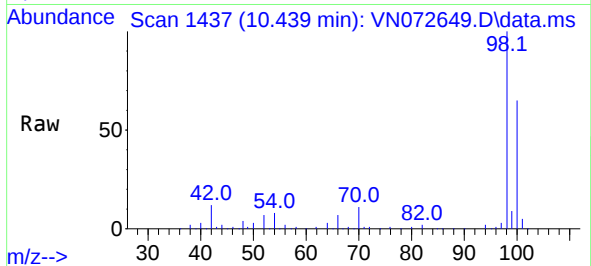
#63
Toluene-d8
Concen: 29.529 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

Tgt Ion: 98 Resp: 24355
Ion Ratio Lower Upper
98 100
100 65.4 50.6 76.0

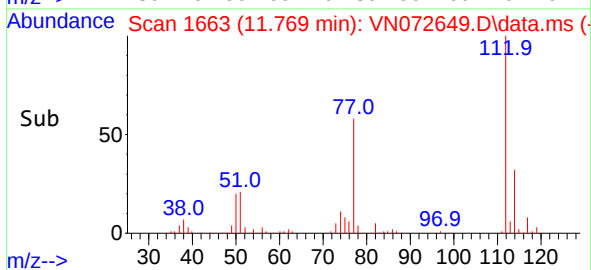
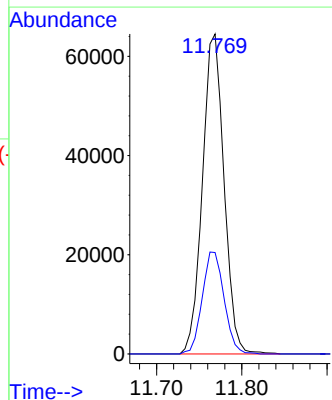
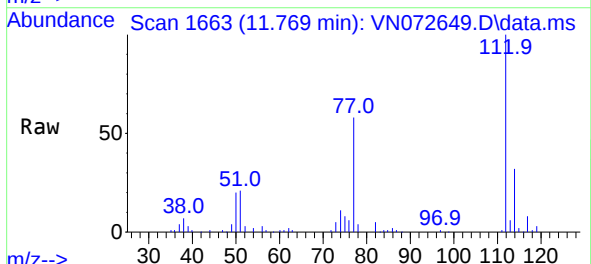
Manual Integrations
APPROVED

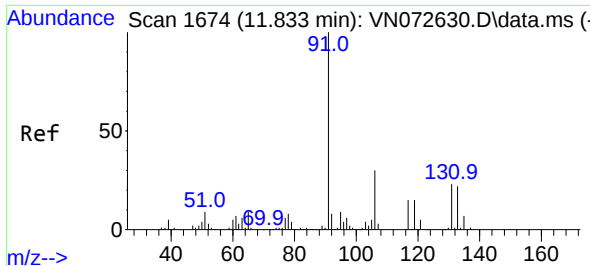
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#64
Chlorobenzene
Concen: 19.185 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

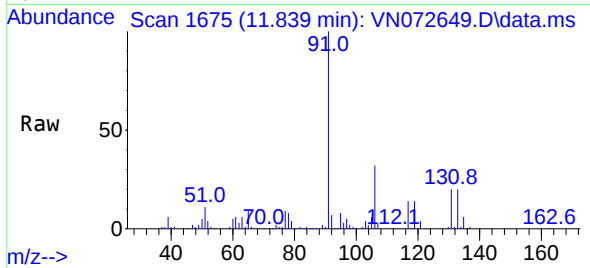
Tgt Ion:112 Resp: 113521
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 18.587 ug/l
RT: 11.839 min Scan# 1674
Delta R.T. 0.006 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

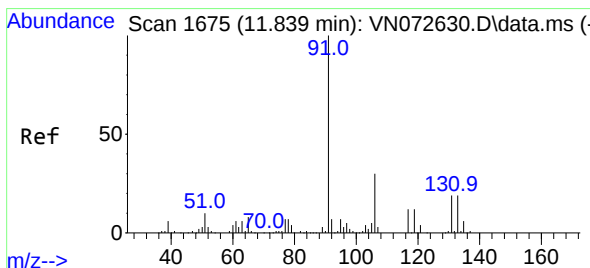
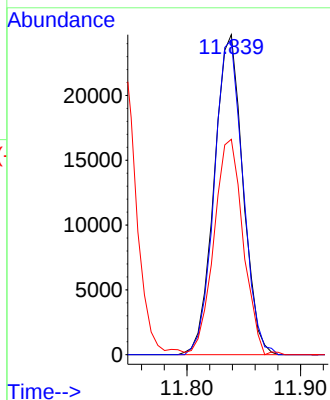
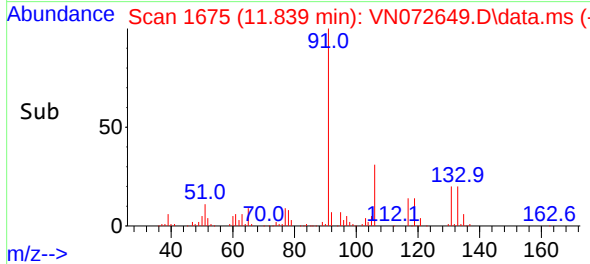
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01



Tgt Ion:131 Resp: 43310
Ion Ratio Lower Upper
131 100
133 98.4 0.0 191.2
119 68.1 0.0 128.8

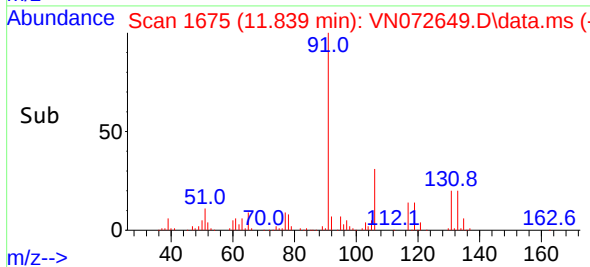
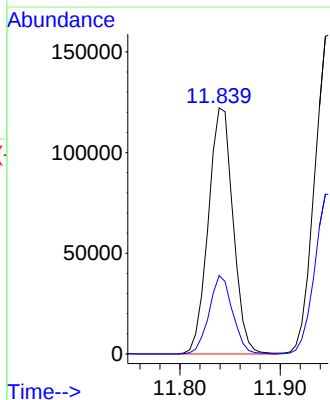
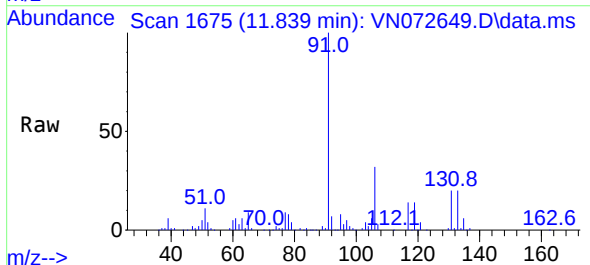
Manual Integrations
APPROVED

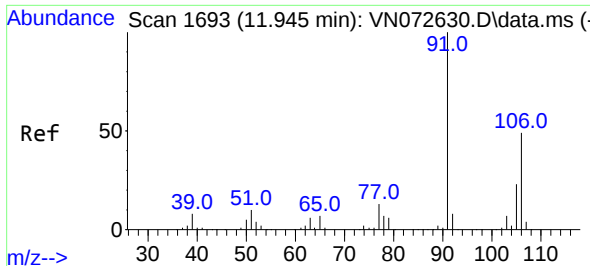
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#66
Ethyl Benzene
Concen: 18.697 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

Tgt Ion: 91 Resp: 210033
Ion Ratio Lower Upper
91 100
106 31.9 24.0 36.0





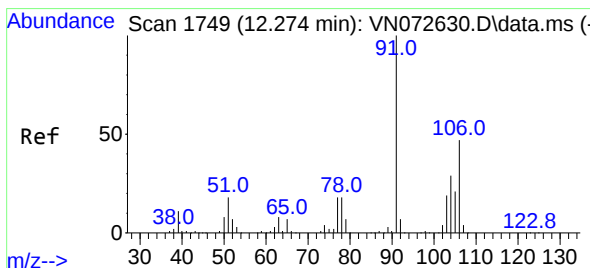
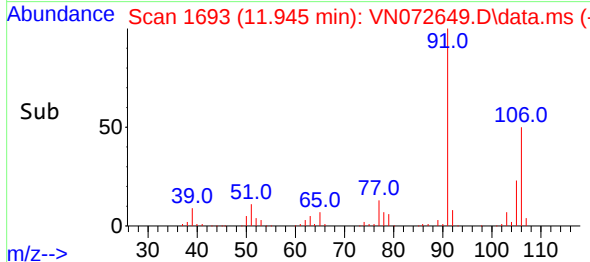
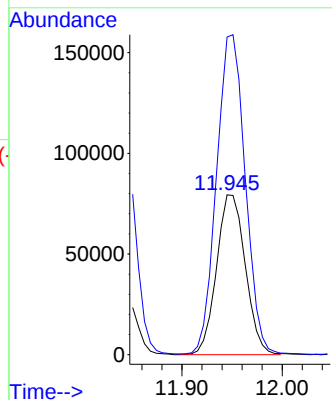
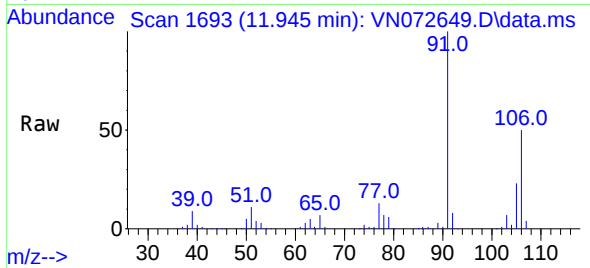
#67
m/p-Xylenes
Concen: 38.704 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

Tgt Ion:106 Resp: 15802
Ion Ratio Lower Upper
106 100
91 200.8 162.9 244.3

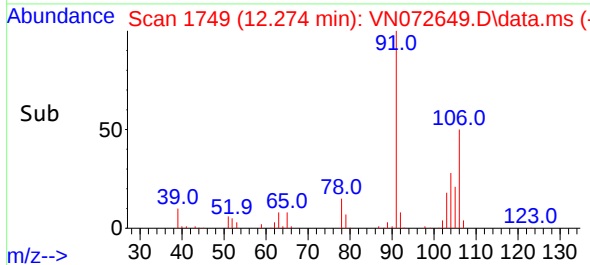
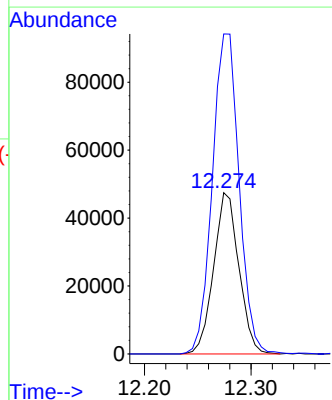
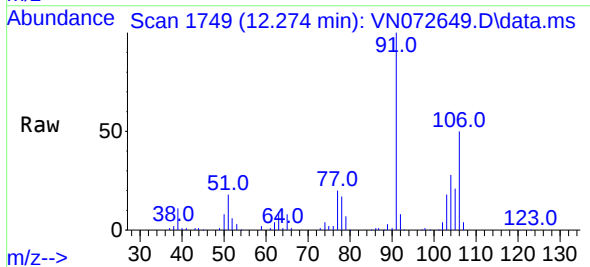
Manual Integrations
APPROVED

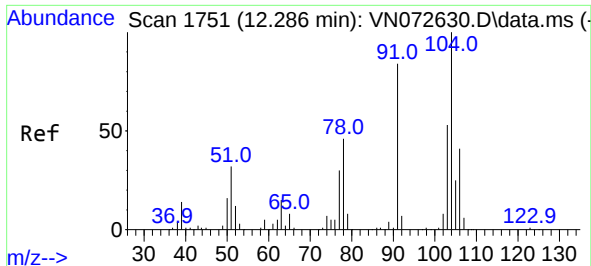
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#68
o-Xylene
Concen: 19.238 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

Tgt Ion:106 Resp: 78146
Ion Ratio Lower Upper
106 100
91 210.2 107.7 323.1





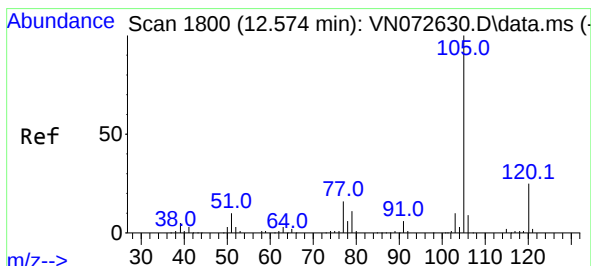
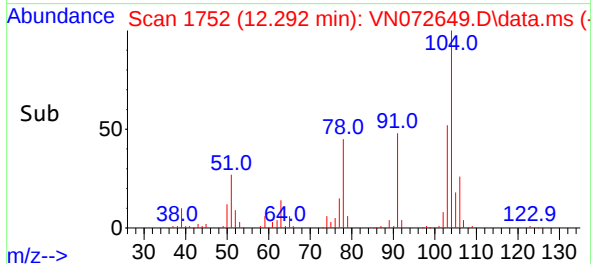
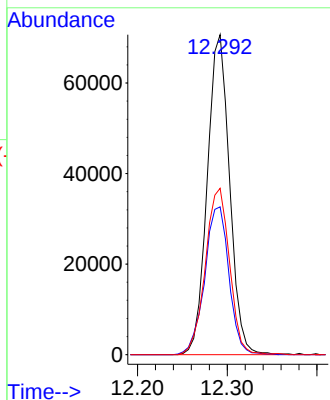
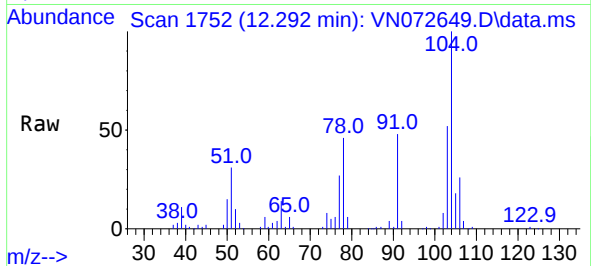
#69
Styrene
Concen: 18.997 ug/l
RT: 12.292 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

Tgt Ion:104 Resp: 122260
Ion Ratio Lower Upper
104 100
78 50.4 40.7 61.1
103 56.2 45.8 68.8

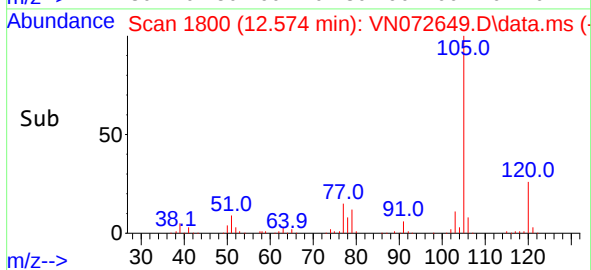
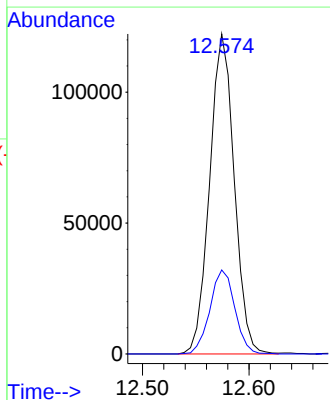
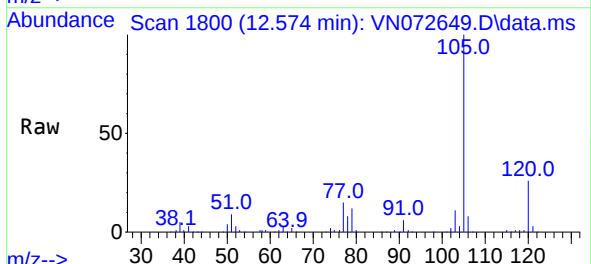
Manual Integrations
APPROVED

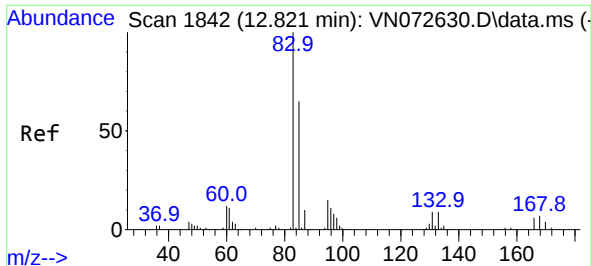
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#70
Isopropylbenzene
Concen: 18.843 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

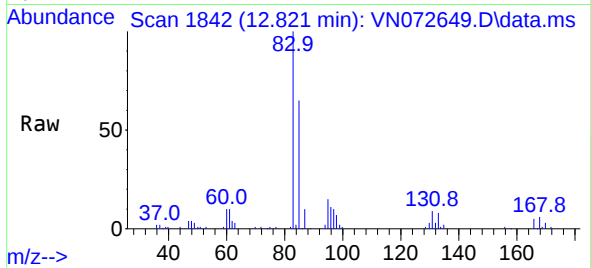
Tgt Ion:105 Resp: 195559
Ion Ratio Lower Upper
105 100
120 26.6 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 19.738 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

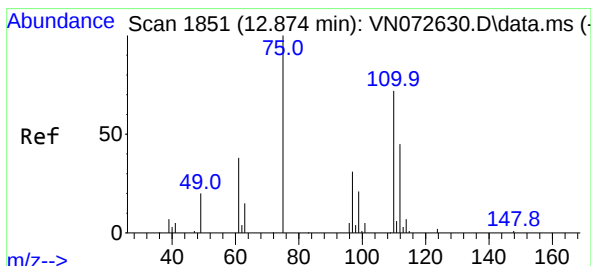
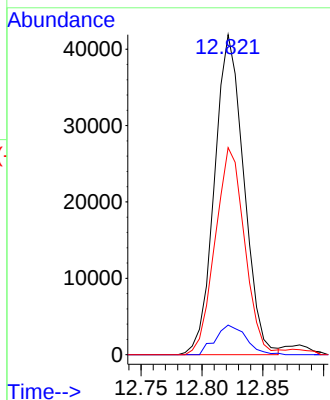
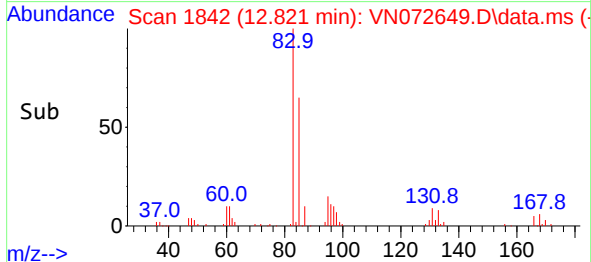
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01



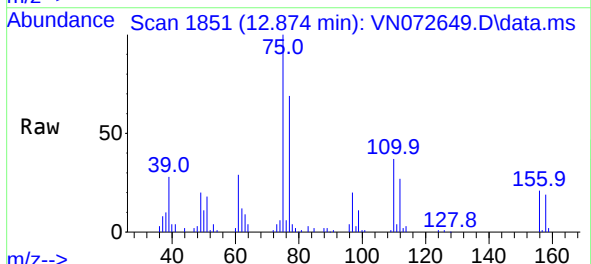
Tgt Ion: 83 Resp: 70328
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.3
85 64.7 33.1 99.2

Manual Integrations
APPROVED

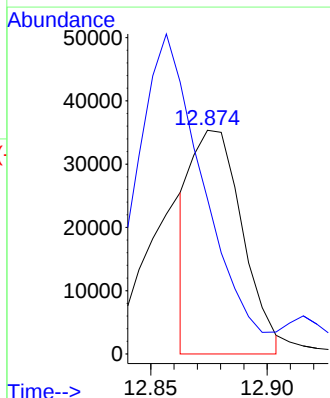
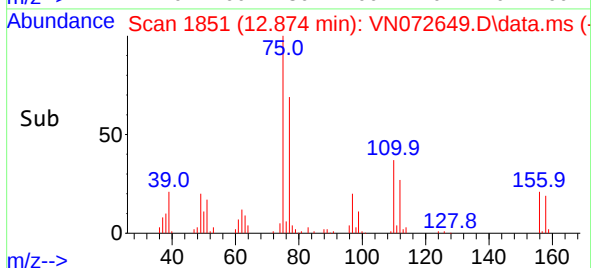
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

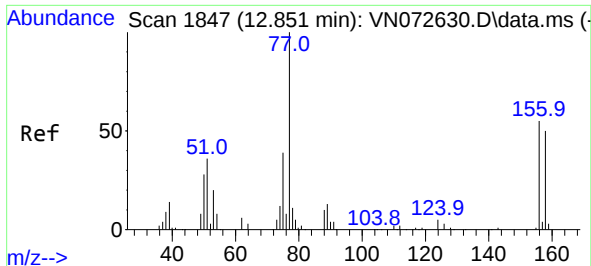


#72
1,2,3-Trichloropropane
Concen: 17.949 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55



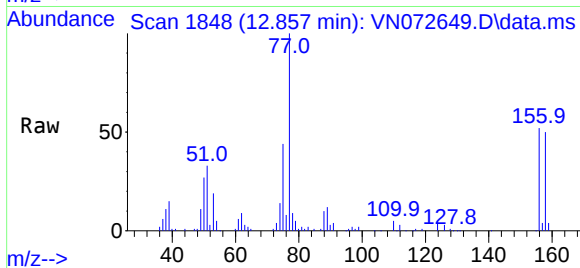
Tgt Ion: 75 Resp: 53964
Ion Ratio Lower Upper
75 100
77 189.4 0.0 378.0





#73
Bromobenzene
Concen: 19.511 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.006 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

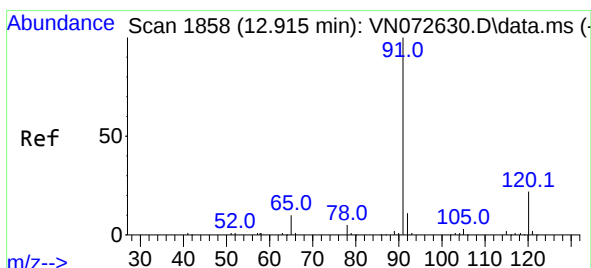
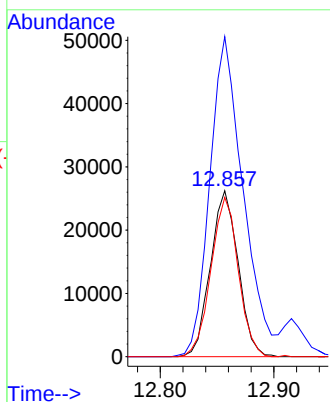
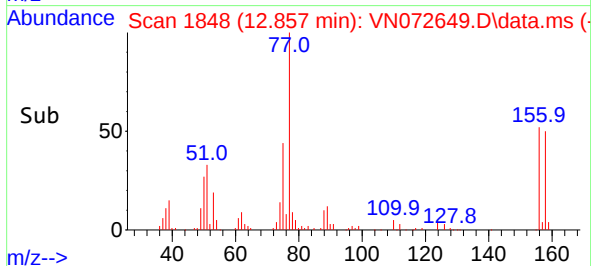
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01



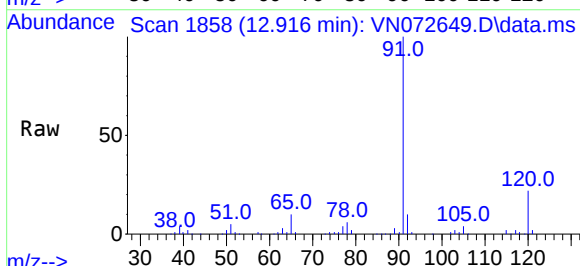
Tgt Ion:156 Resp: 4448
Ion Ratio Lower Upper
156 100
77 229.8 0.0 416.0
158 94.8 0.0 195.4

Manual Integrations
APPROVED

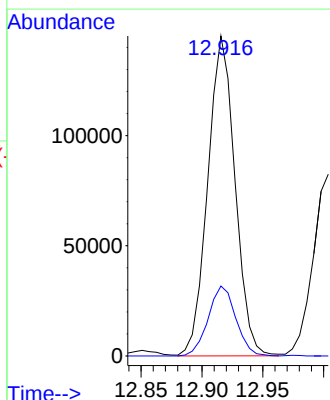
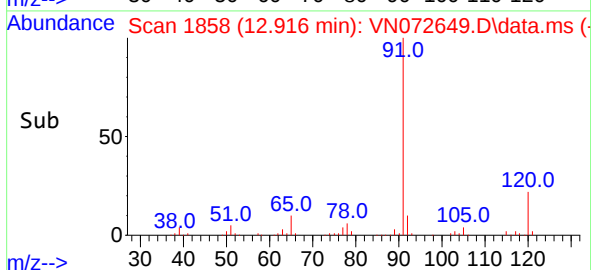
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

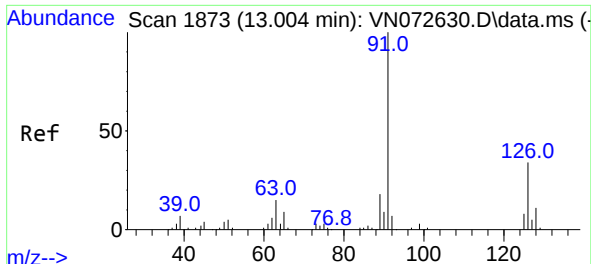


#74
n-propylbenzene
Concen: 19.314 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55



Tgt Ion: 91 Resp: 226647
Ion Ratio Lower Upper
91 100
120 22.1 0.0 45.0





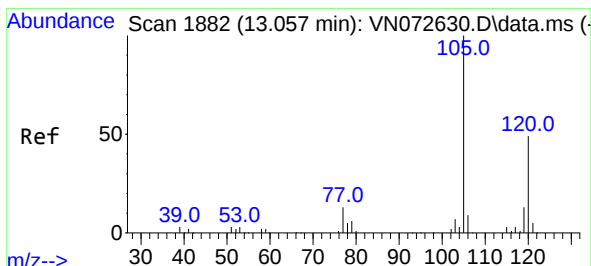
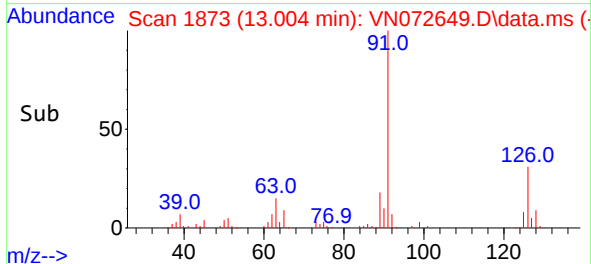
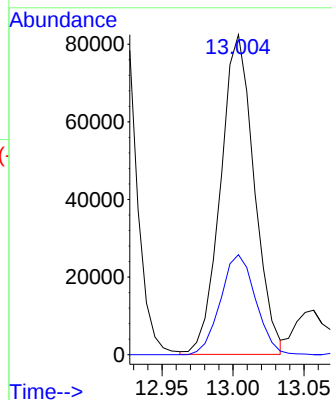
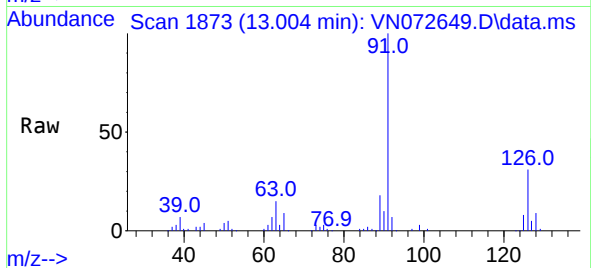
#75
2-Chlorotoluene
Concen: 19.064 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

Tgt Ion: 91 Resp: 13569
Ion Ratio Lower Upper
91 100
126 32.7 0.0 69.8

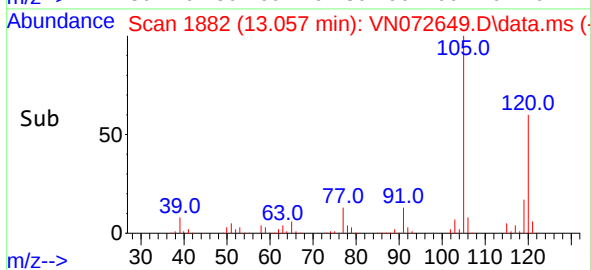
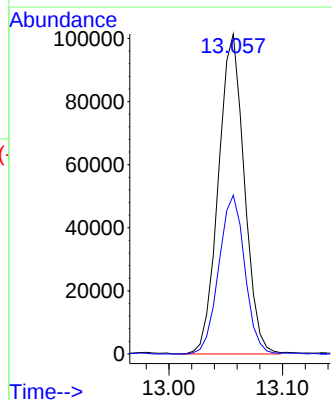
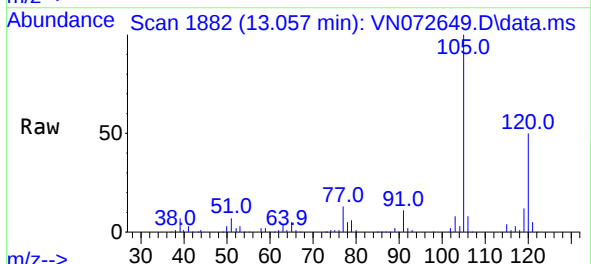
Manual Integrations
APPROVED

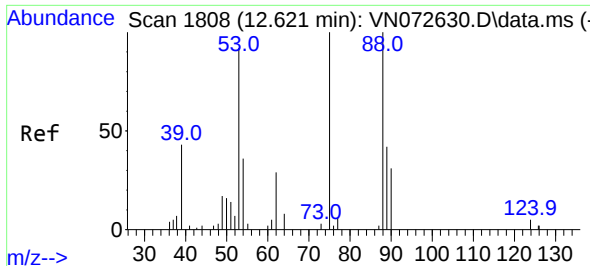
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#76
1,3,5-Trimethylbenzene
Concen: 19.614 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

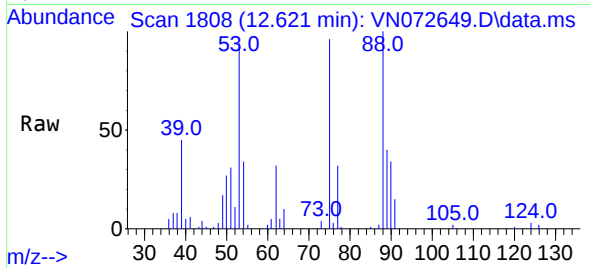
Tgt Ion:105 Resp: 160646
Ion Ratio Lower Upper
105 100
120 49.6 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.651 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

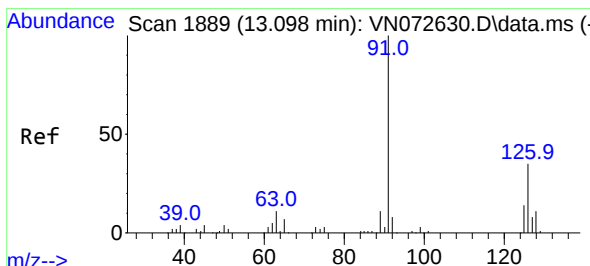
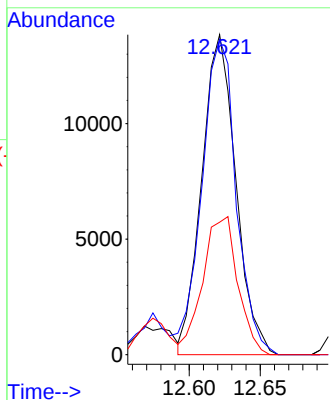
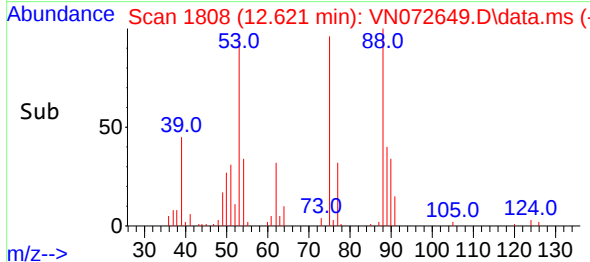
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01



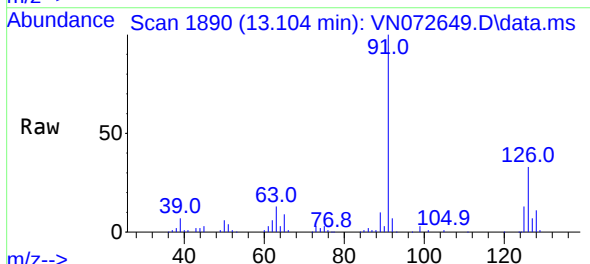
Tgt Ion: 75 Resp: 23088
Ion Ratio Lower Upper
75 100
53 98.5 51.8 155.5
89 41.4 22.9 68.7

Manual Integrations
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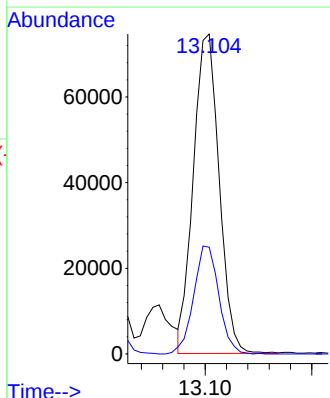
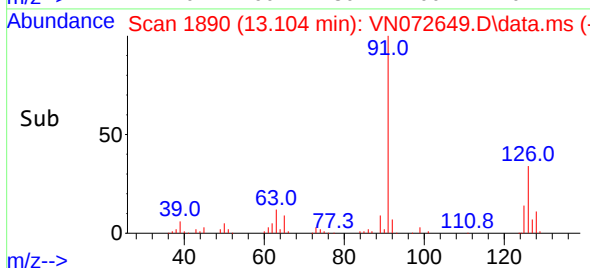
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

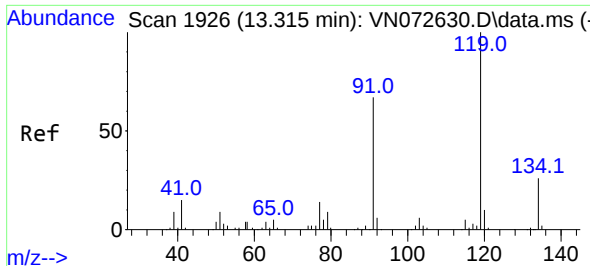


#78
4-Chlorotoluene
Concen: 19.368 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55



Tgt Ion: 91 Resp: 125511
Ion Ratio Lower Upper
91 100
126 33.0 0.0 70.6





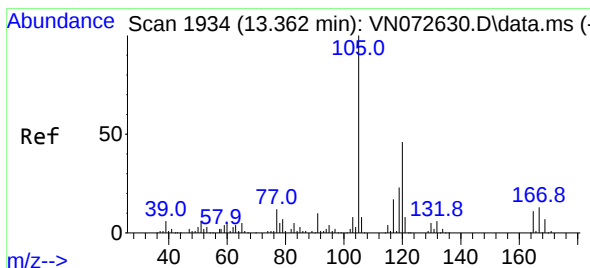
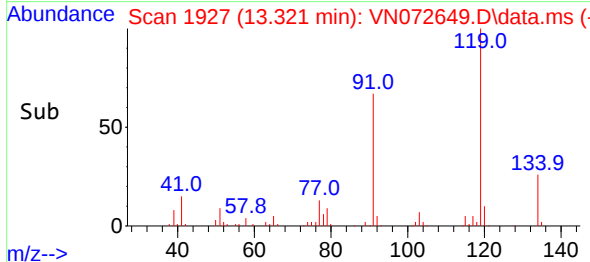
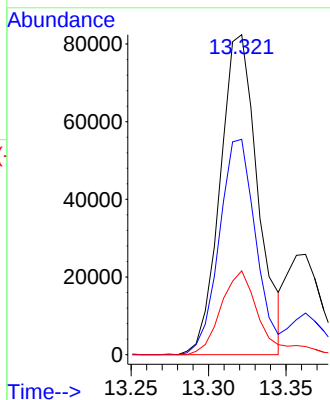
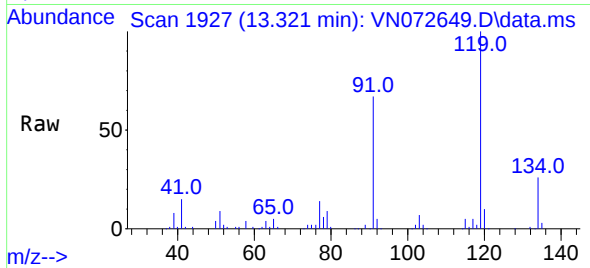
#79
tert-butylbenzene
Concen: 19.493 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

Tgt Ion:119 Resp: 139708
Ion Ratio Lower Upper
119 100
91 65.0 0.0 137.0
134 25.2 0.0 47.6

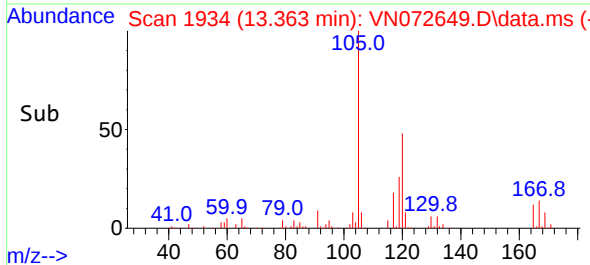
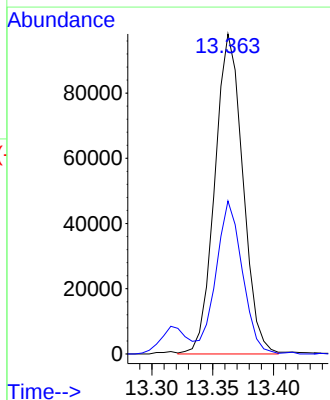
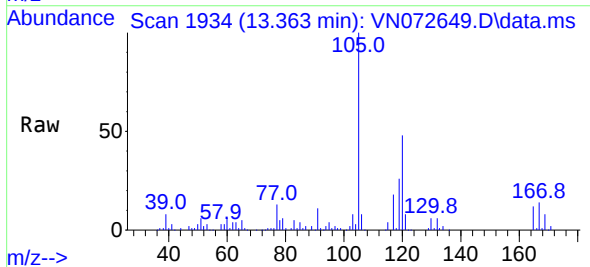
Manual Integrations
APPROVED

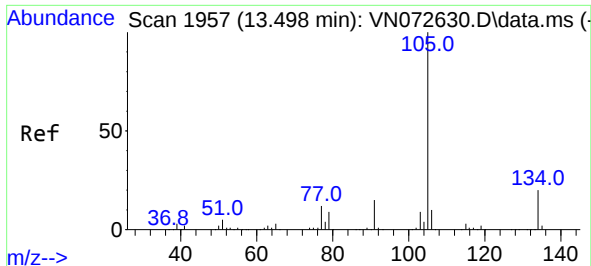
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#80
1,2,4-Trimethylbenzene
Concen: 19.887 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

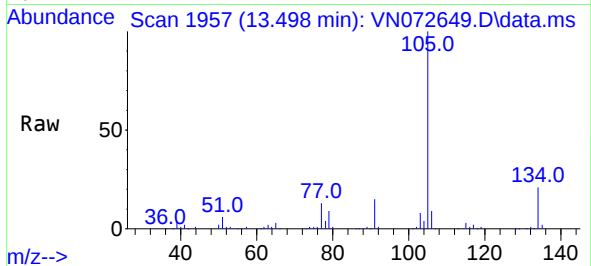
Tgt Ion:105 Resp: 157200
Ion Ratio Lower Upper
105 100
120 45.2 0.0 0.2#





#81
 sec-Butylbenzene
 Concen: 19.100 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072649.D
 Acq: 31 May 2022 12:55

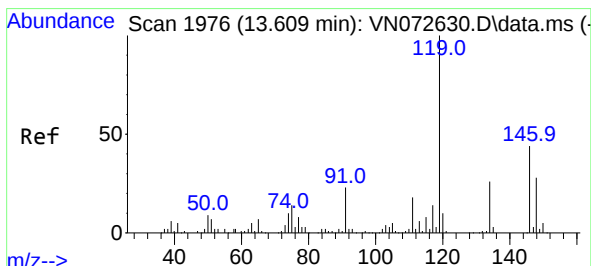
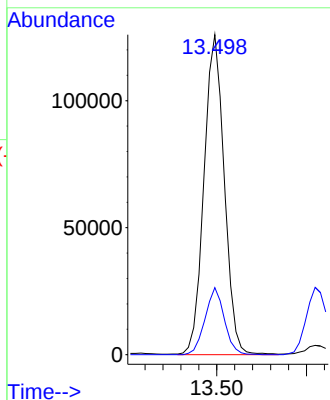
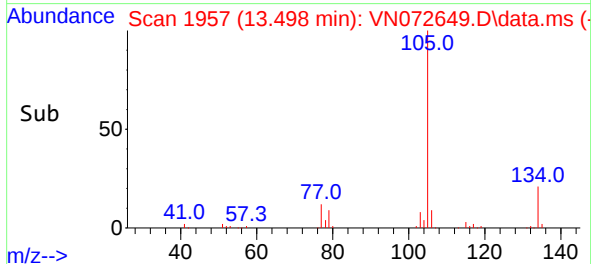
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0531WBS01



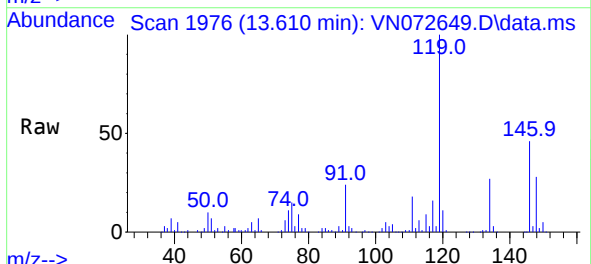
Tgt Ion:105 Resp: 198039
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 39.4

Manual Integrations
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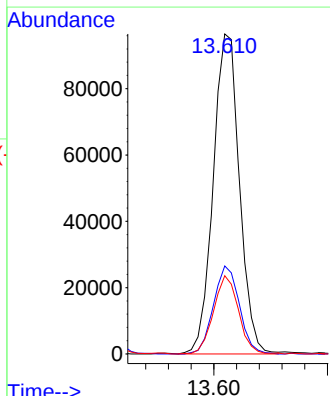
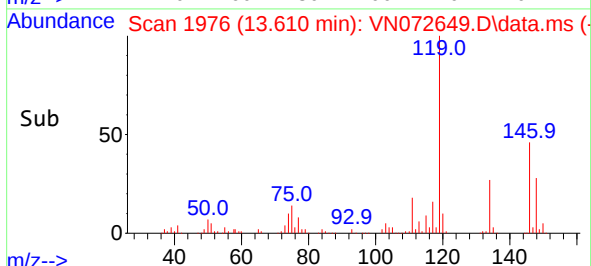
Reviewed By :John Carlone 06/01/2022
 Supervised By :Mahesh Dadoda 06/01/2022

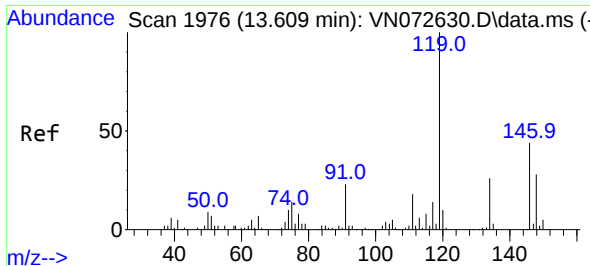


#82
 p-Isopropyltoluene
 Concen: 19.273 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072649.D
 Acq: 31 May 2022 12:55



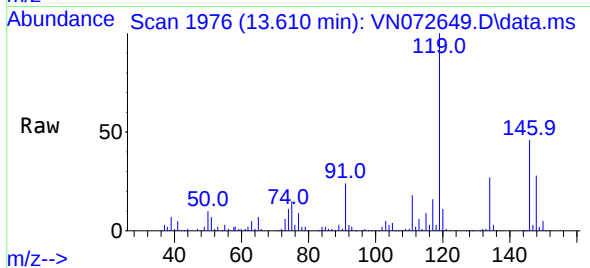
Tgt Ion:119 Resp: 154917
 Ion Ratio Lower Upper
 119 100
 134 27.1 0.0 51.8
 91 23.3 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 18.912 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

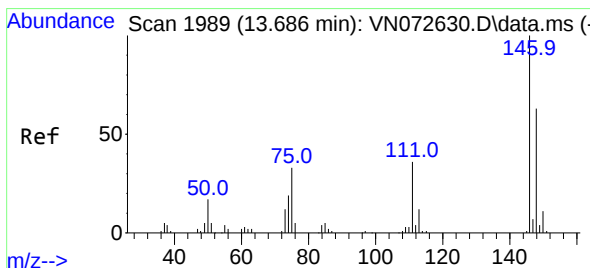
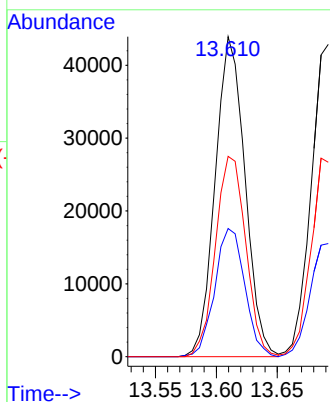
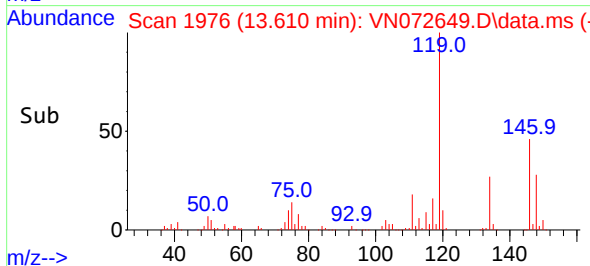
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01



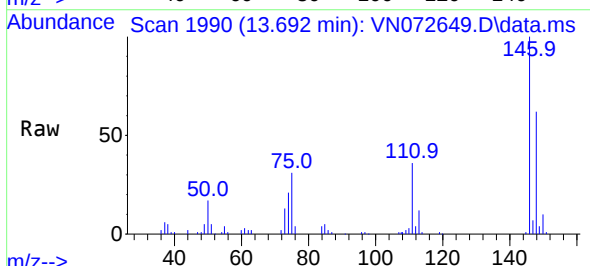
Tgt Ion:146 Resp: 74834
Ion Ratio Lower Upper
146 100
111 40.4 20.8 62.2
148 63.6 31.4 94.3

Manual Integrations
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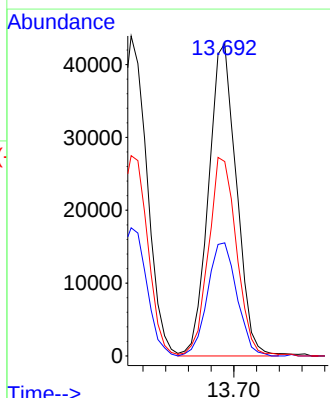
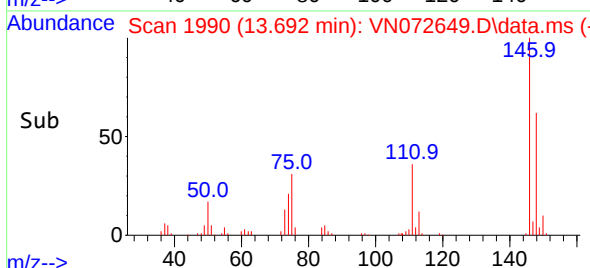
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

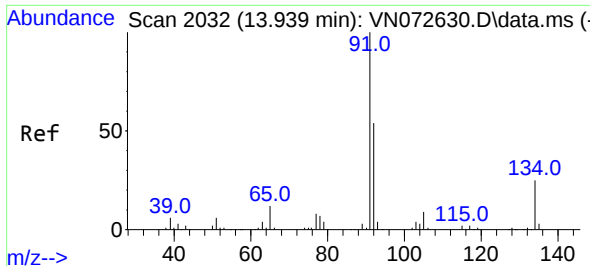


#84
1,4-Dichlorobenzene
Concen: 19.007 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55



Tgt Ion:146 Resp: 73064
Ion Ratio Lower Upper
146 100
111 38.1 19.5 58.5
148 64.1 31.1 93.5





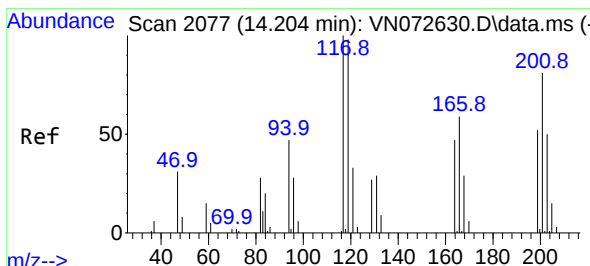
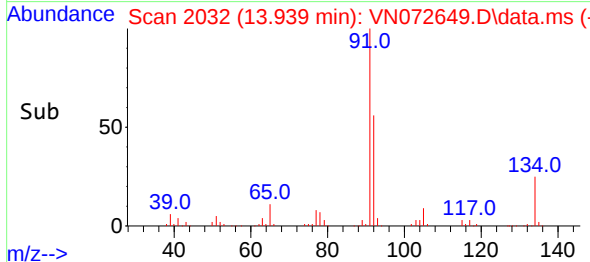
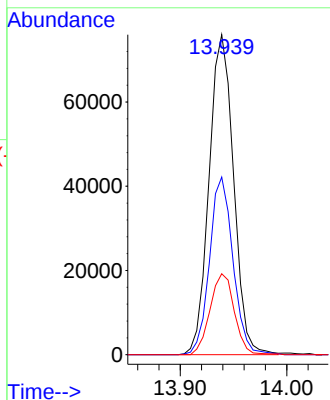
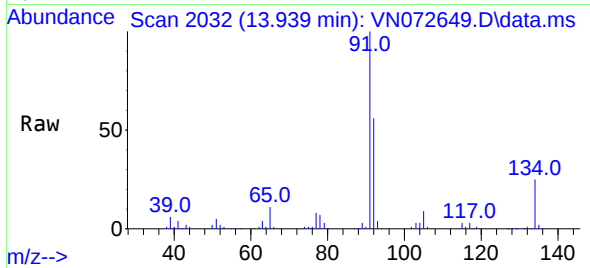
#85
n-Butylbenzene
Concen: 18.388 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

Tgt Ion: 91 Resp: 12146
Ion Ratio Lower Upper
91 100
92 53.2 0.0 100.6
134 25.1 0.0 50.2

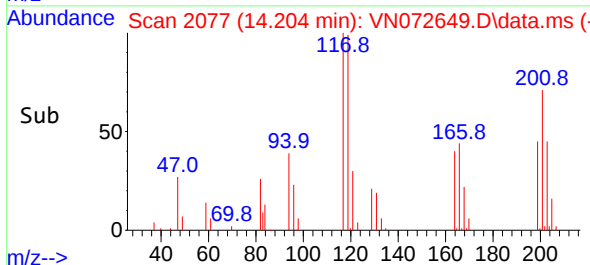
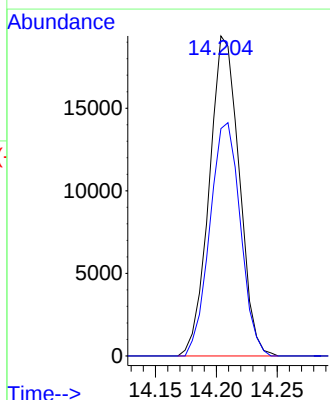
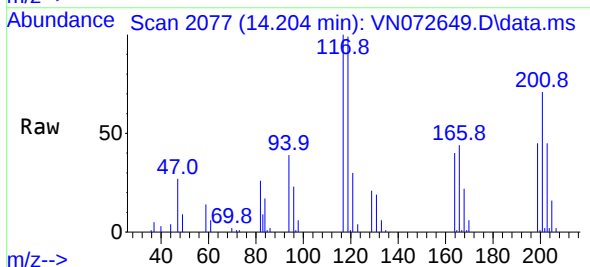
Manual Integrations
APPROVED

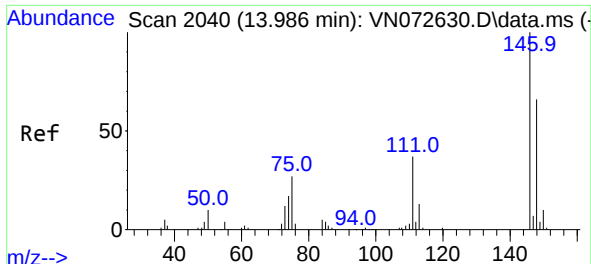
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#86
Hexachloroethane
Concen: 20.740 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

Tgt Ion:117 Resp: 33203
Ion Ratio Lower Upper
117 100
201 74.5 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 19.294 ug/l

RT: 13.980 min Scan# 2040

Delta R.T. -0.006 min

Lab File: VN072649.D

Acq: 31 May 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBS01

Tgt Ion:146 Resp: 75400

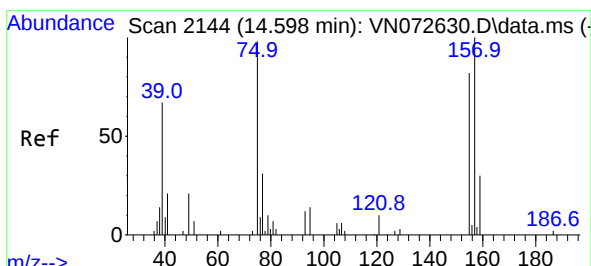
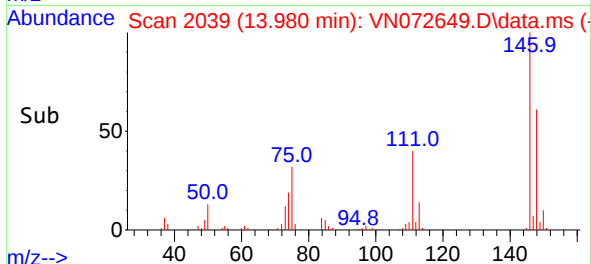
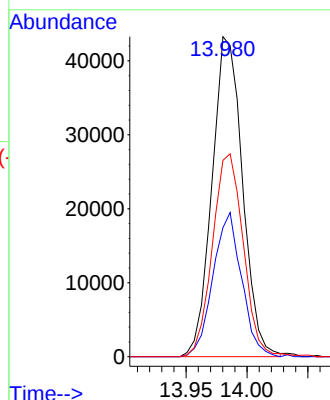
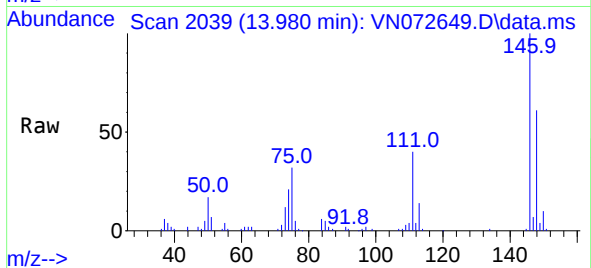
Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.4	64.2
148	64.0	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2022

Supervised By :Mahesh Dadoda 06/01/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 21.190 ug/l

RT: 14.598 min Scan# 2144

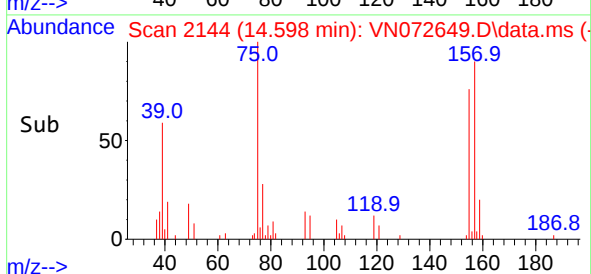
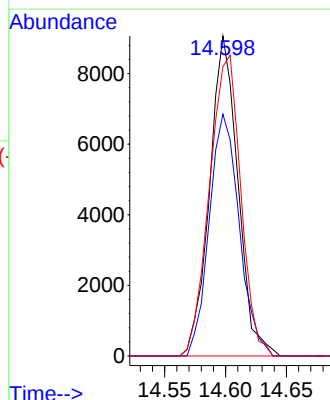
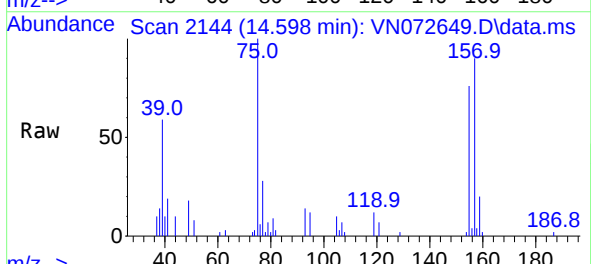
Delta R.T. 0.000 min

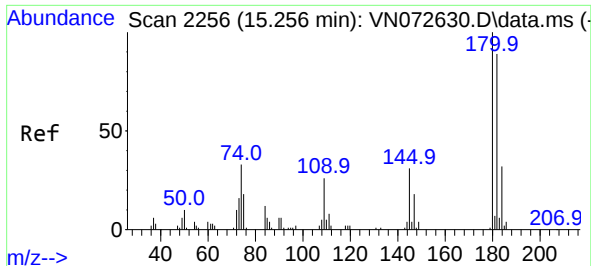
Lab File: VN072649.D

Acq: 31 May 2022 12:55

Tgt Ion: 75 Resp: 14668

Ion	Ratio	Lower	Upper
75	100		
155	79.9	63.8	95.8
157	103.6	77.9	116.9





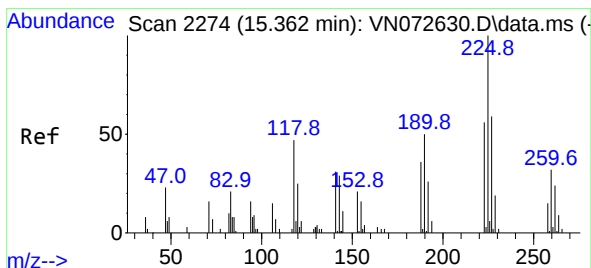
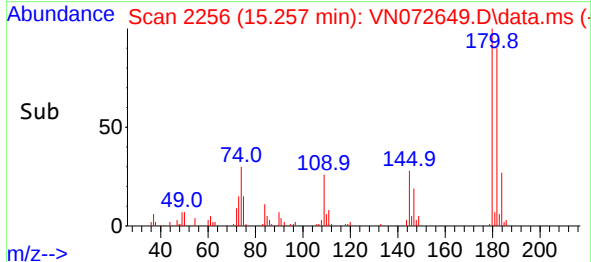
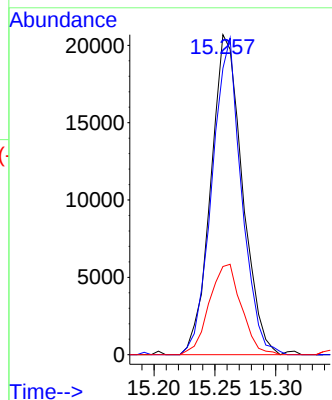
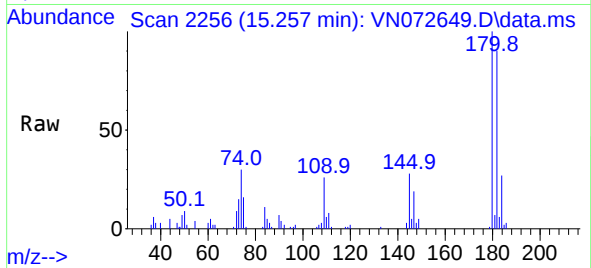
#89
1,2,4-Trichlorobenzene
Concen: 19.318 ug/l
RT: 15.257 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

Tgt Ion:180 Resp: 37249
Ion Ratio Lower Upper
180 100
182 92.7 77.7 116.5
145 28.8 26.6 39.8

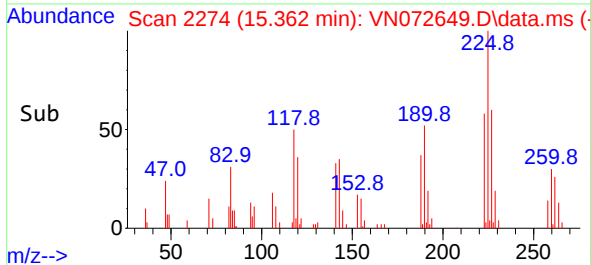
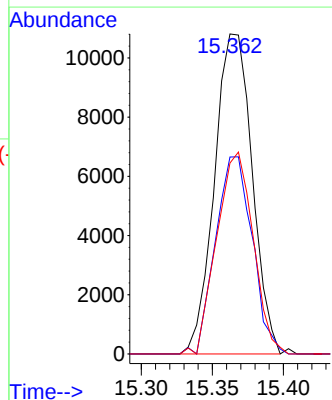
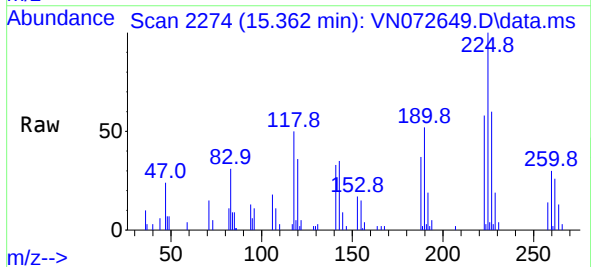
Manual Integrations
APPROVED

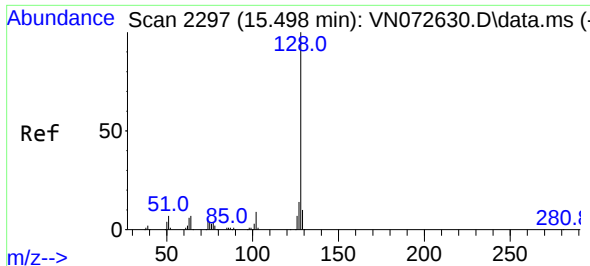
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#90
Hexachlorobutadiene
Concen: 20.643 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

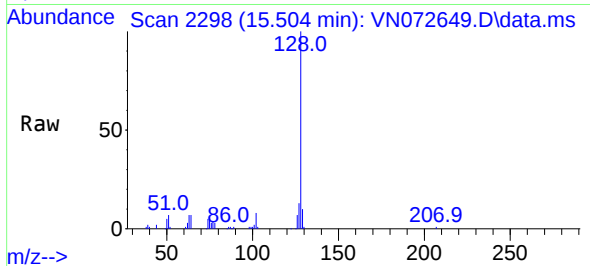
Tgt Ion:225 Resp: 19963
Ion Ratio Lower Upper
225 100
223 59.7 0.0 126.8
227 60.6 0.0 123.0





#91
Naphthalene
Concen: 18.730 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55

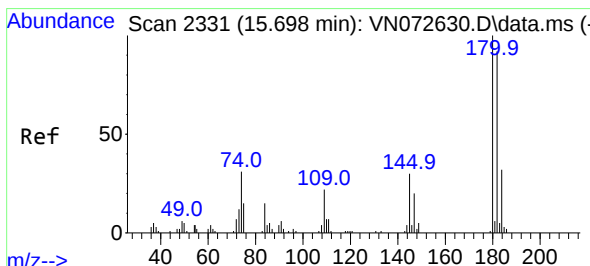
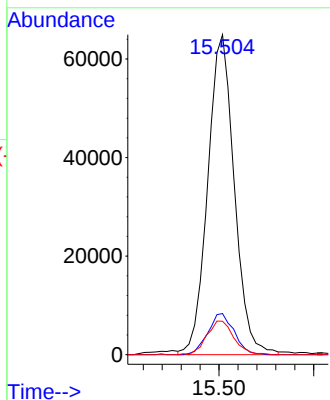
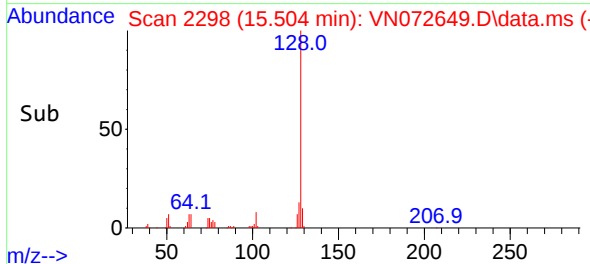
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01



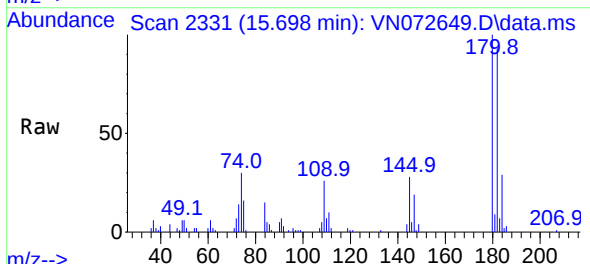
Tgt Ion:128 Resp: 126739
Ion Ratio Lower Upper
128 100
127 12.7 10.7 16.1
129 10.7 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#92
1,2,3-Trichlorobenzene
Concen: 20.060 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN072649.D
Acq: 31 May 2022 12:55



Tgt Ion:180 Resp: 39490
Ion Ratio Lower Upper
180 100
182 89.8 0.0 190.0
145 30.6 0.0 67.8

