

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052622\
 Data File : VN072629.D
 Acq On : 26 May 2022 14:20
 Operator : JC\MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/27/2022
 Supervised By : Mahesh Dadoda 05/27/2022

Quant Time: May 26 15:09:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 26 15:08:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.651	128	31036	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	171008	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	158221	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	85230	25.774	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	85.900%#		
60) 4-Bromofluorobenzene	12.727	95	79384	26.087	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	86.967%		
63) Toluene-d8	10.433	98	270899	31.140	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	103.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.063	85	10779	4.318	ug/l	97
3) Chloromethane	2.293	50	14058	5.887	ug/l	89
4) Vinyl Chloride	2.440	62	10388	5.123	ug/l #	88
5) Bromomethane	2.822	94	5445	3.579	ug/l	96
6) Chloroethane	2.993	64	6641	4.988	ug/l	95
7) Trichlorofluoromethane	3.363	101	18242	4.140	ug/l	99
8) Diethyl Ether	3.822	74	7404m	5.152	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.199	101	10324m	4.786	ug/l	
10) 1,1-Dichloroethene	4.175	96	9628	4.810	ug/l	87
11) Methyl Iodide	4.416	142	7318m	2.646	ug/l	
12) Methyl Acetate	4.840	43	18460	5.591	ug/l #	86
13) Acrolein	4.028	56	13038	27.046	ug/l	100
14) Acrylonitrile	5.546	53	37677	26.448	ug/l	95
15) Acetone	4.287	58	10391	27.874	ug/l	69
16) Carbon Disulfide	4.528	76	26293	5.064	ug/l	96
17) Allyl chloride	4.822	41	16517	4.471	ug/l	79
18) Methylene Chloride	5.099	84	13757	5.680	ug/l #	88
19) trans-1,2-Dichloroethene	5.587	96	10556	4.804	ug/l	90
20) Diisopropyl ether	6.487	45	42500	5.487	ug/l	91
21) 1,1-Dichloroethane	6.381	63	21913	4.898	ug/l	98
22) cis-1,2-Dichloroethene	7.322	96	12483	4.805	ug/l	93
23) tert-Butyl Alcohol	5.351	59	13986m	24.047	ug/l	
24) Methyl tert-Butyl Ether	5.616	73	35031	4.373	ug/l #	73
25) Chloroform	7.810	83	21860	4.624	ug/l	86
26) Cyclohexane	8.092	56	19350	5.225	ug/l #	91
29) 1,1-Dichloropropene	8.210	75	15174	4.403	ug/l	98
30) 2-Butanone	7.328	43	53684	25.947	ug/l	96
31) 2,2-Dichloropropane	7.316	77	16577	3.986	ug/l	97
32) 1,1,1-Trichloroethane	8.004	97	17026	3.624	ug/l	95
33) Carbon Tetrachloride	8.198	117	15560	3.770	ug/l	93
34) Benzene	8.457	78	50747	5.089	ug/l #	92
35) Methacrylonitrile	7.628	41	10879m	5.105	ug/l	
36) 1,2-Dichloroethane	8.522	62	16621	3.852	ug/l #	91
37) Trichloroethene	9.216	130	11570	4.406	ug/l	97
38) Methylcyclohexane	9.457	83	19026	4.749	ug/l	94
39) 1,2-Dichloropropane	9.481	63	13261	5.234	ug/l	94
40) Dibromomethane	9.575	93	8709	4.644	ug/l	92
41) Bromodichloromethane	9.757	83	16533	4.183	ug/l	97
42) Vinyl Acetate	6.428	43	166718m	24.237	ug/l	

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 Acq On : 26 May 2022 14:20
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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/27/2022
 Supervised By : Mahesh Dadoda 05/27/2022

Quant Time: May 26 15:09:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 26 15:08:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.410	43	21020	5.239	ug/l	95
44) Isopropyl Acetate	8.551	43	29170	4.596	ug/l	91
45) 1,4-Dioxane	9.569	88	5062	86.174	ug/l #	81
46) Methyl methacrylate	9.551	41	13405	4.457	ug/l	81
47) n-amyl Acetate	12.386	43	18239	4.187	ug/l	97
48) t-1,3-Dichloropropene	10.716	75	16684	3.982	ug/l	96
49) cis-1,3-Dichloropropene	10.181	75	18485	4.296	ug/l	91
50) 1,1,2-Trichloroethane	10.892	97	12889	4.871	ug/l	97
51) Ethyl methacrylate	10.757	69	18785	4.485	ug/l	83
52) 1,3-Dichloropropane	11.039	76	22381	4.888	ug/l	97
53) Dibromochloromethane	11.233	129	13050	4.248	ug/l	99
54) 1,2-Dibromoethane	11.339	107	13103	4.674	ug/l	98
55) 2-Chloroethyl vinyl ether	10.039	63	42252	34.851	ug/l	97
56) Bromoform	12.457	173	8496	3.641	ug/l #	96
58) 4-Methyl-2-Pentanone	10.328	43	100913	25.665	ug/l	97
59) 2-Hexanone	11.081	43	70311	24.504	ug/l	98
61) Tetrachloroethene	10.975	164	10684	4.561	ug/l #	85
62) Toluene	10.498	91	55171	5.031	ug/l	96
64) Chlorobenzene	11.763	112	32022	4.748	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.833	131	11833	4.332	ug/l	94
66) Ethyl Benzene	11.839	91	53614	4.411	ug/l	99
67) m/p-Xylenes	11.945	106	40857	8.867	ug/l	98
68) o-Xylene	12.275	106	19646	4.305	ug/l	100
69) Styrene	12.292	104	28780	3.973	ug/l	98
70) Isopropylbenzene	12.575	105	49547	4.122	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.827	83	18945	5.059	ug/l	99
72) 1,2,3-Trichloropropane	12.874	75	16203m	4.705	ug/l	
73) Bromobenzene	12.851	156	12020	4.213	ug/l	95
74) n-propylbenzene	12.916	91	54044	4.078	ug/l	99
75) 2-Chlorotoluene	13.004	91	34919	4.163	ug/l	96
76) 1,3,5-Trimethylbenzene	13.057	105	40332	3.994	ug/l	99
77) t-1,4-Dichloro-2-butene	12.622	75	5228	4.387	ug/l	95
78) 4-Chlorotoluene	13.098	91	31430	3.985	ug/l	93
79) tert-butylbenzene	13.322	119	33971	3.807	ug/l	98
80) 1,2,4-Trimethylbenzene	13.363	105	36381	3.725	ug/l #	80
81) sec-Butylbenzene	13.498	105	46360	3.888	ug/l	99
82) p-Isopropyltoluene	13.610	119	35126	3.603	ug/l	97
83) 1,3-Dichlorobenzene	13.610	146	19052	3.926	ug/l	98
84) 1,4-Dichlorobenzene	13.692	146	18113	3.833	ug/l	96
85) n-Butylbenzene	13.933	91	25476	3.447	ug/l	98
86) Hexachloroethane	14.204	117	7756	4.222	ug/l	91
87) 1,2-Dichlorobenzene	13.986	146	19582	4.114	ug/l	94
88) 1,2-Dibromo-3-Chloropr...	14.598	75	3291	3.904	ug/l	98
89) 1,2,4-Trichlorobenzene	15.257	180	7541	3.400	ug/l	98
90) Hexachlorobutadiene	15.363	225	4988	3.838	ug/l	98
91) Naphthalene	15.504	128	20978	3.047	ug/l	99
92) 1,2,3-Trichlorobenzene	15.698	180	8100	3.596	ug/l	96

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

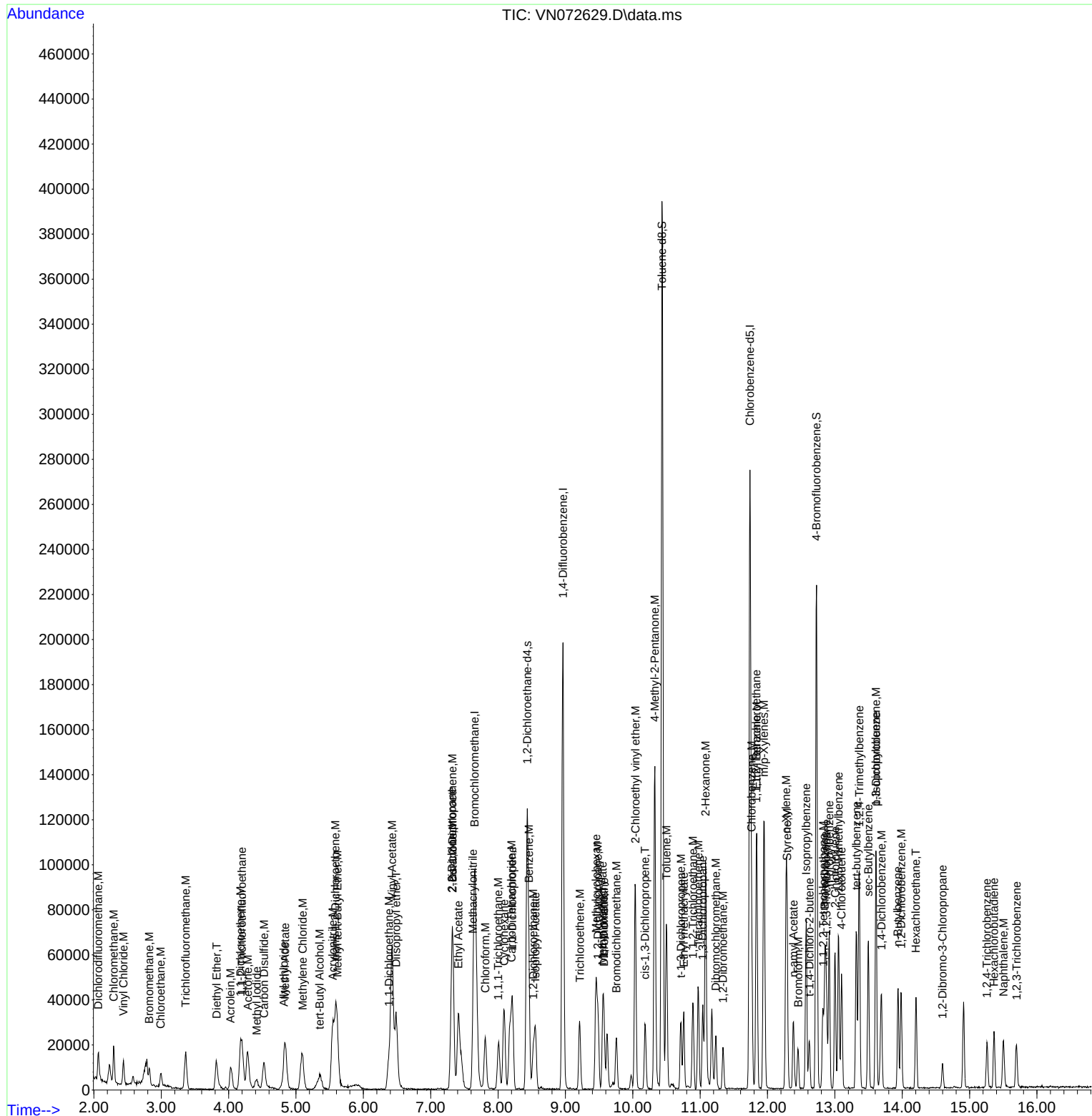
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052622\
Data File : VN072629.D
Acq On : 26 May 2022 14:20
Operator : JC\MD
Sample : VSTDIC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

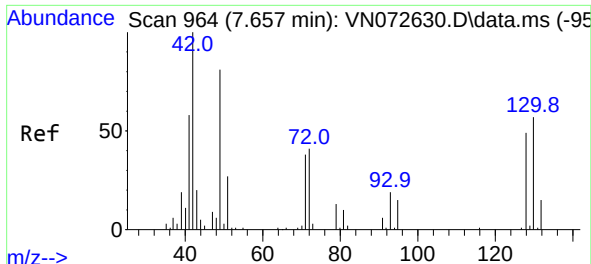
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

Reviewed By : John Carlone 05/27/2022
Supervised By : Mahesh Dadoda 05/27/2022

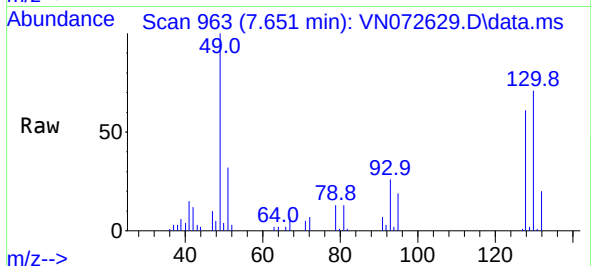
Quant Time: May 26 15:09:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052622W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 26 15:08:42 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. -0.006 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

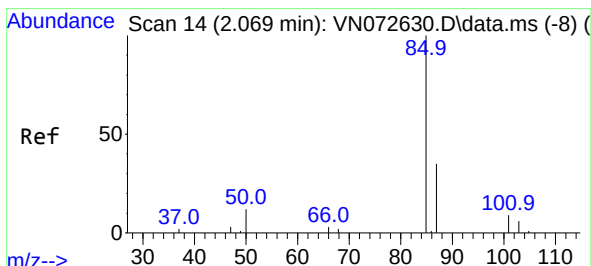
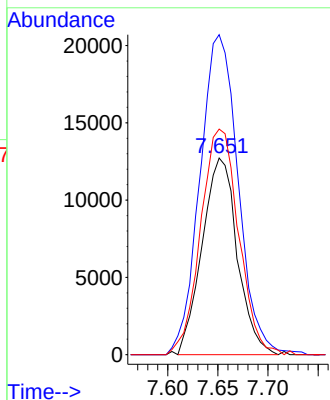
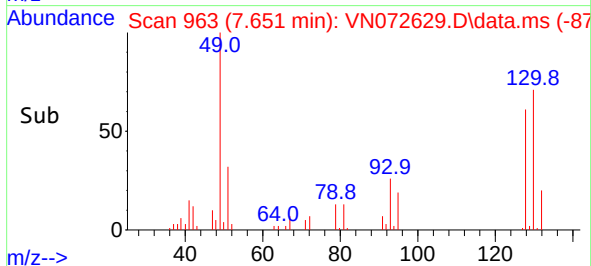
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:128 Resp: 31030
Ion Ratio Lower Upper
128 100
49 177.0 0.0 392.3
130 123.9 0.0 320.2

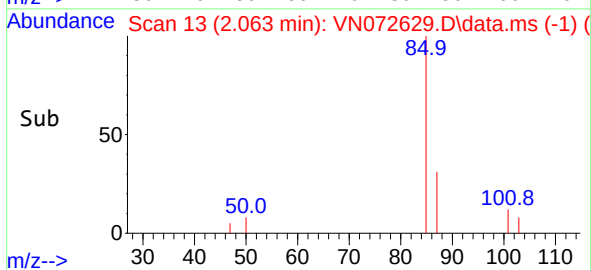
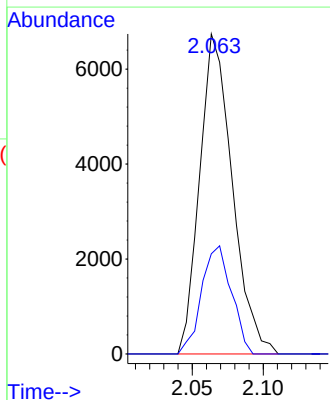
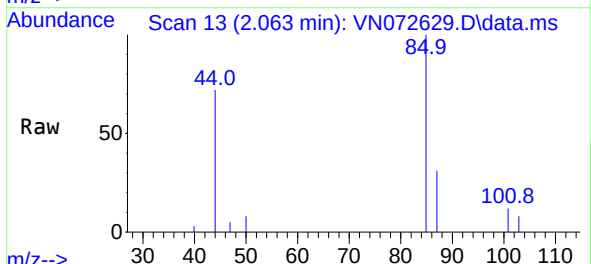
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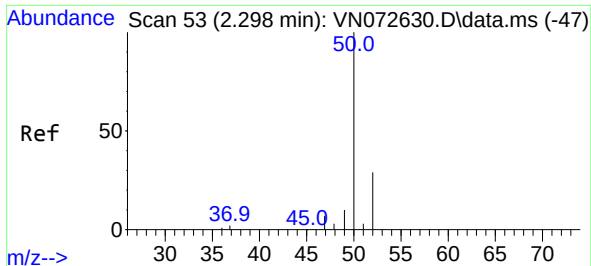
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#2
Dichlorodifluoromethane
Concen: 4.318 ug/l
RT: 2.063 min Scan# 13
Delta R.T. -0.006 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Tgt Ion: 85 Resp: 10779
Ion Ratio Lower Upper
85 100
87 31.3 16.6 49.7





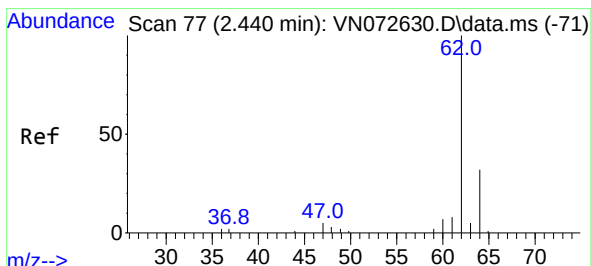
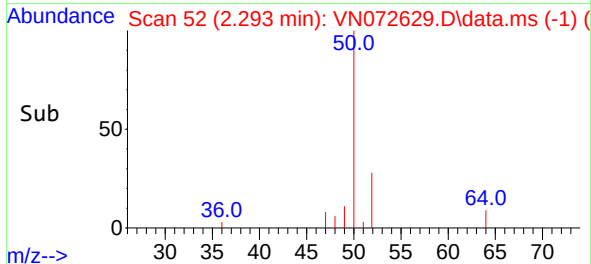
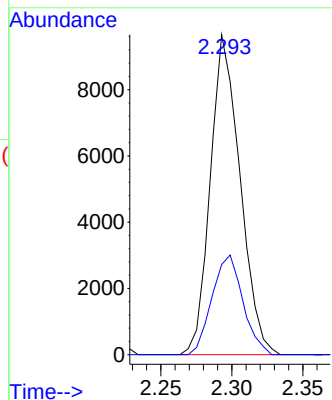
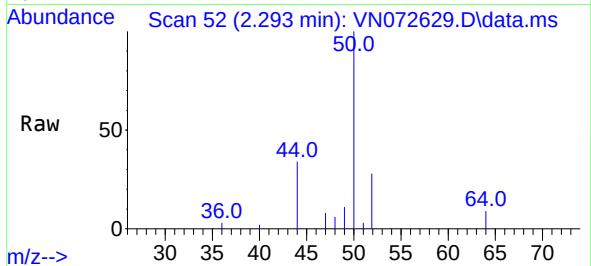
#3
Chloromethane
Concen: 5.887 ug/l
RT: 2.293 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 14058
Ion Ratio Lower Upper
50 100
52 28.1 27.8 41.6

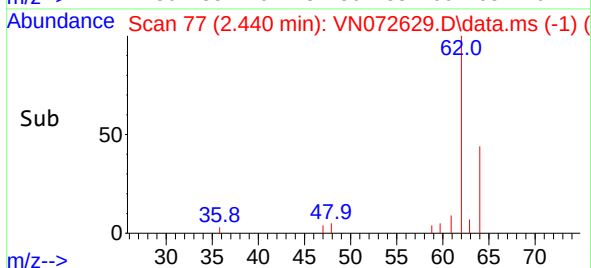
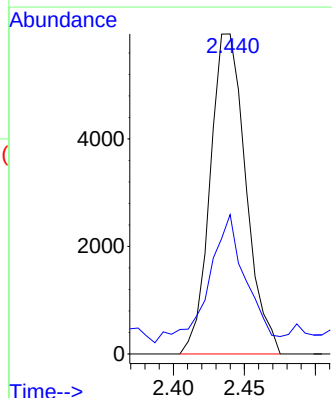
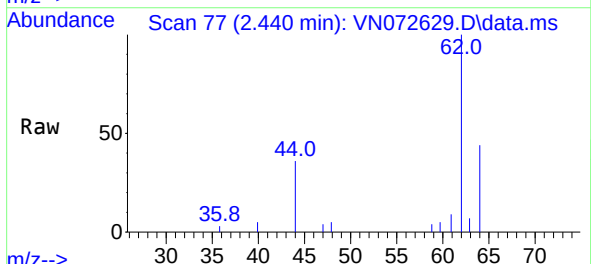
Manual Integrations
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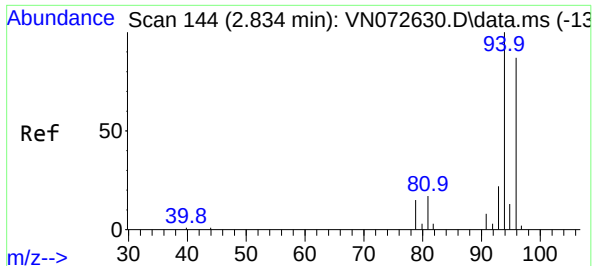
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#4
Vinyl Chloride
Concen: 5.123 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Tgt Ion: 62 Resp: 10388
Ion Ratio Lower Upper
62 100
64 38.1 25.1 37.7#





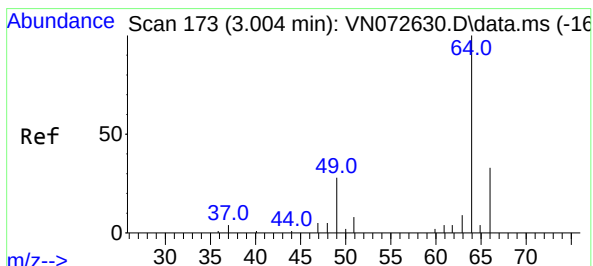
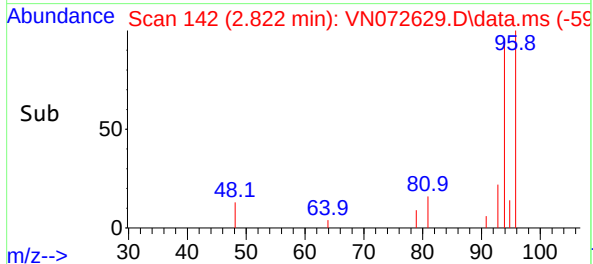
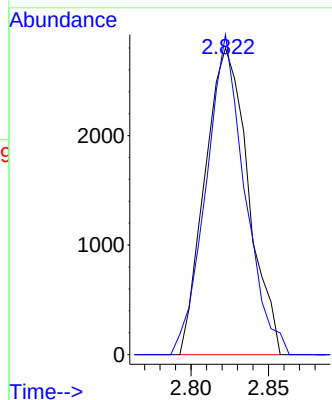
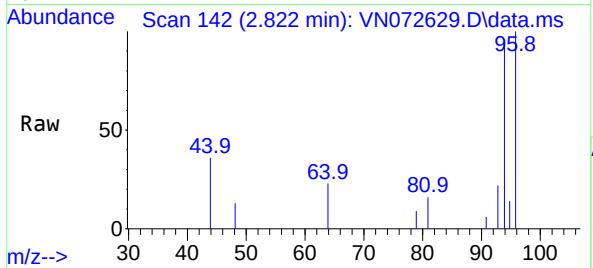
#5
Bromomethane
Concen: 3.579 ug/l
RT: 2.822 min Scan# 144
Delta R.T. -0.012 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 544
Ion Ratio Lower Upper
94 100
96 97.7 75.2 112.8

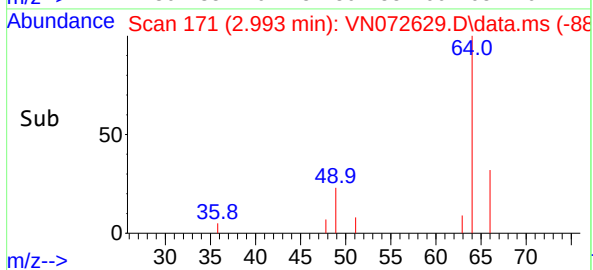
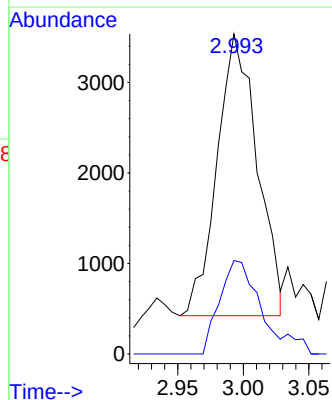
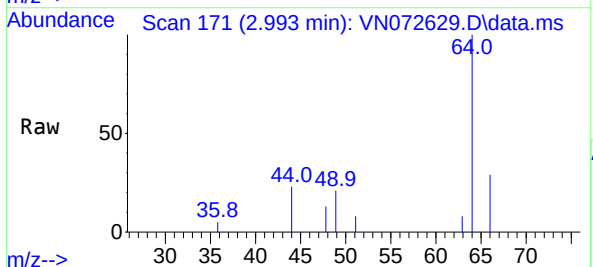
Manual Integrations
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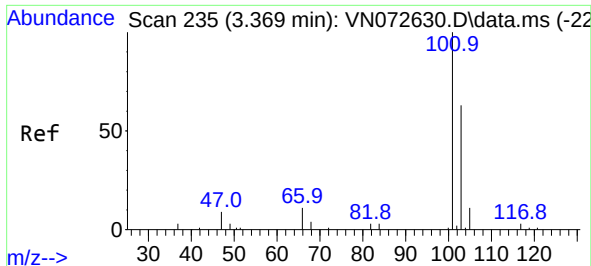
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#6
Chloroethane
Concen: 4.988 ug/l
RT: 2.993 min Scan# 171
Delta R.T. -0.012 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

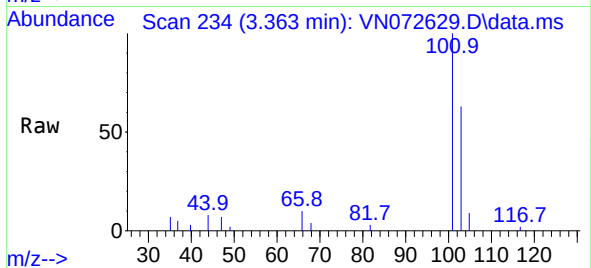
Tgt Ion: 64 Resp: 6641
Ion Ratio Lower Upper
64 100
66 33.2 24.6 36.8





#7
Trichlorofluoromethane
Concen: 4.140 ug/l
RT: 3.363 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

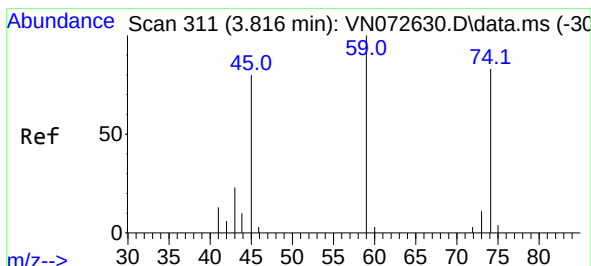
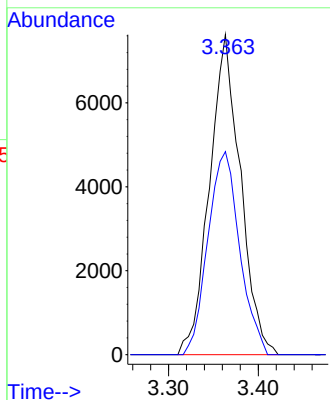
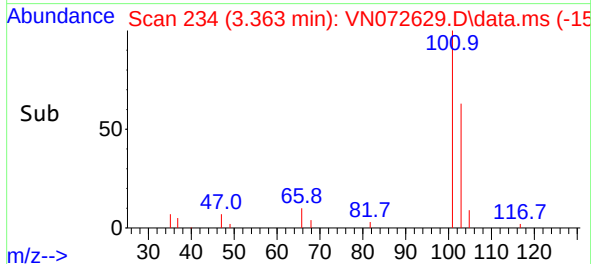
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



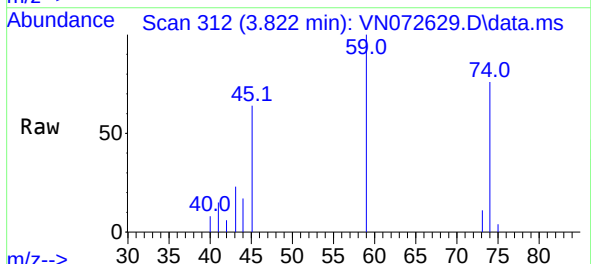
Tgt Ion:101 Resp: 1824
Ion Ratio Lower Upper
101 100
103 63.5 50.1 75.1

Manual Integrations
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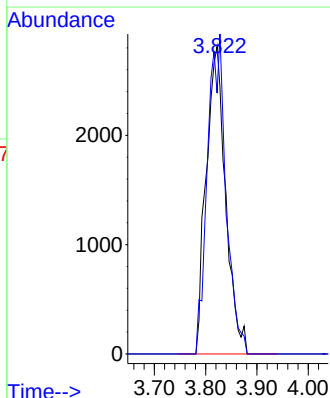
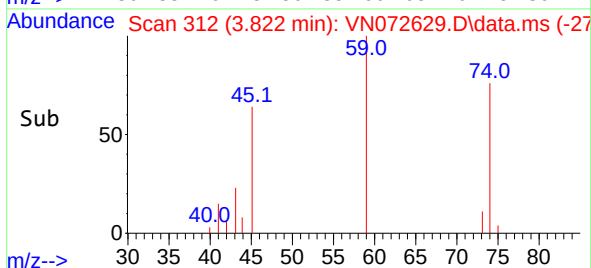
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

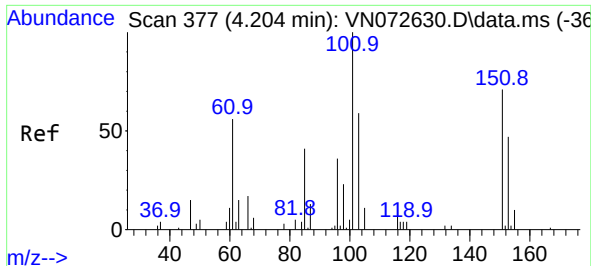


#8
Diethyl Ether
Concen: 5.152 ug/l m
RT: 3.822 min Scan# 312
Delta R.T. 0.006 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20



Tgt Ion: 74 Resp: 7404
Ion Ratio Lower Upper
74 100
45 56.0 17.6 158.8





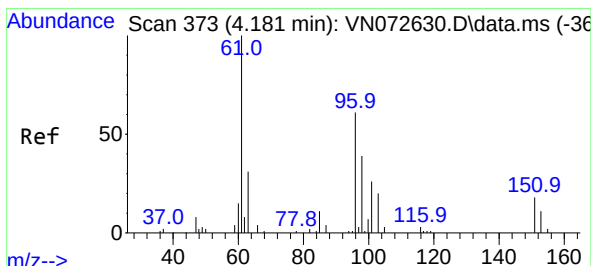
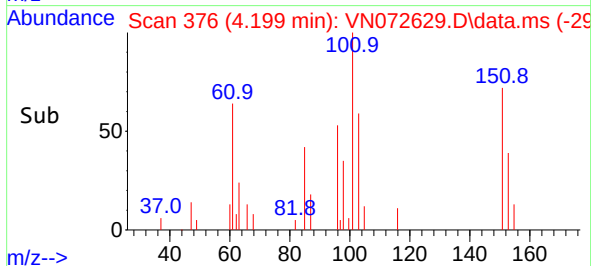
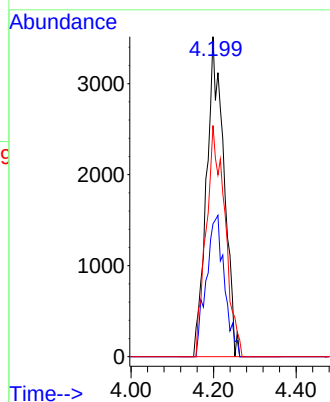
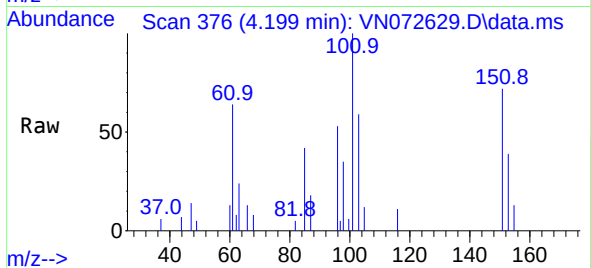
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.786 ug/l m
RT: 4.199 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 10324
Ion Ratio Lower Upper
101 100
85 46.0 0.0 94.0
151 47.8 0.0 74.6

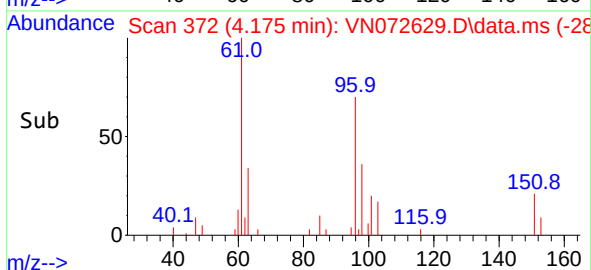
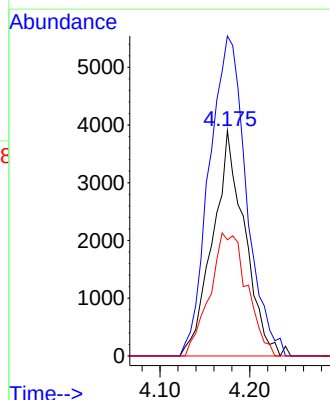
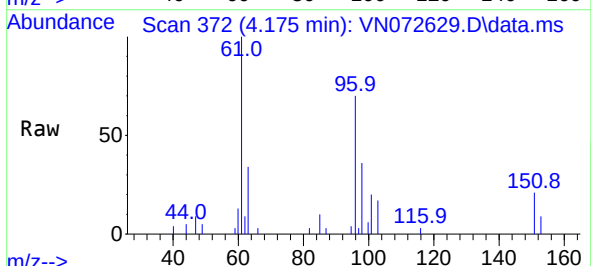
Manual Integrations
APPROVED

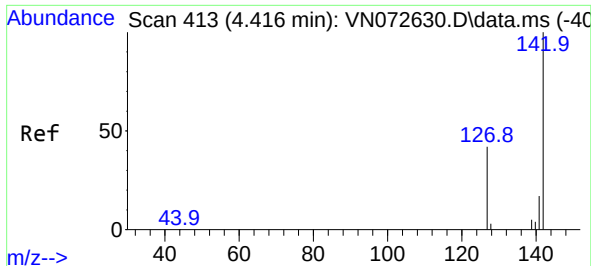
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#10
1,1-Dichloroethene
Concen: 4.810 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.006 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

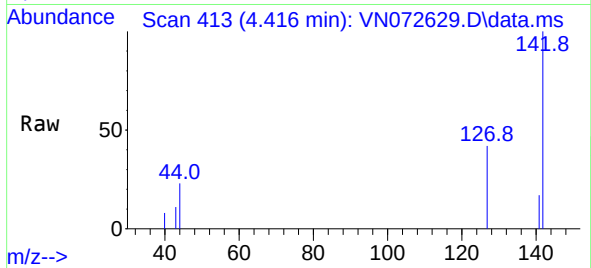
Tgt Ion: 96 Resp: 9628
Ion Ratio Lower Upper
96 100
61 141.9 126.2 189.4
98 51.5 50.9 76.3





#11
Methyl Iodide
Concen: 2.646 ug/l m
RT: 4.416 min Scan# 413
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

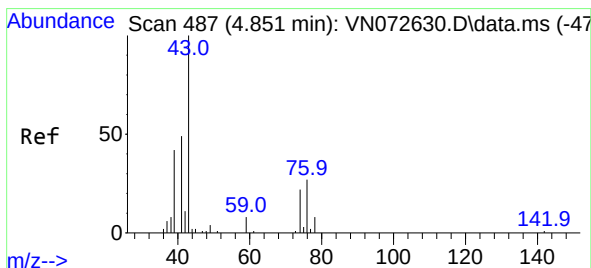
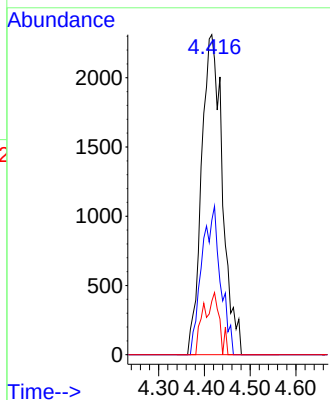
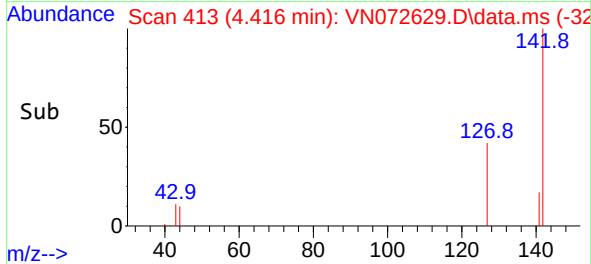
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



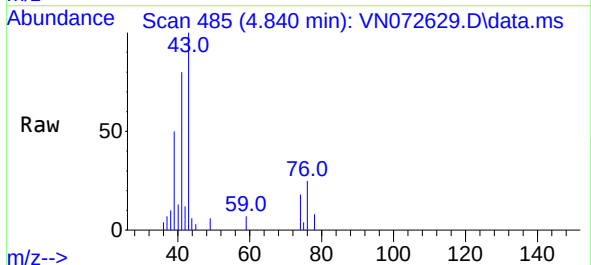
Tgt Ion:142 Resp: 7318
Ion Ratio Lower Upper
142 100
127 42.0 24.0 72.0
141 16.7 8.4 25.2

Manual Integrations
APPROVED

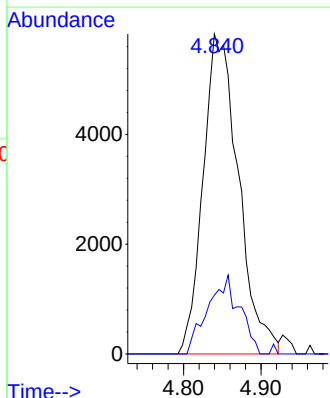
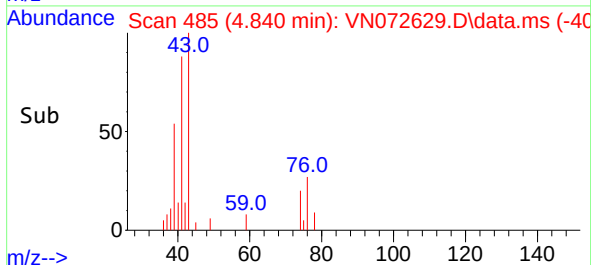
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

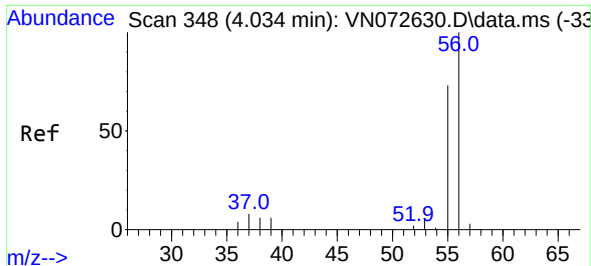


#12
Methyl Acetate
Concen: 5.591 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.012 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20



Tgt Ion: 43 Resp: 18460
Ion Ratio Lower Upper
43 100
74 18.7 20.8 31.2#





#13

Acrolein

Concen: 27.046 ug/l

RT: 4.028 min Scan# 34

Delta R.T. -0.006 min

Lab File: VN072629.D

Acq: 26 May 2022 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 56 Resp: 13038

Ion Ratio Lower Upper

56 100

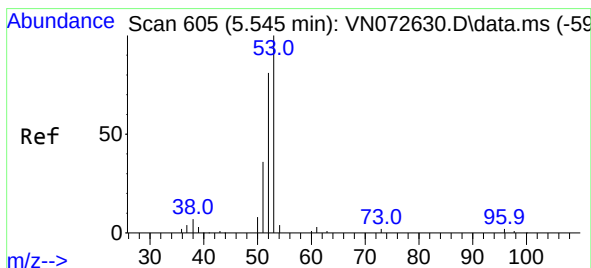
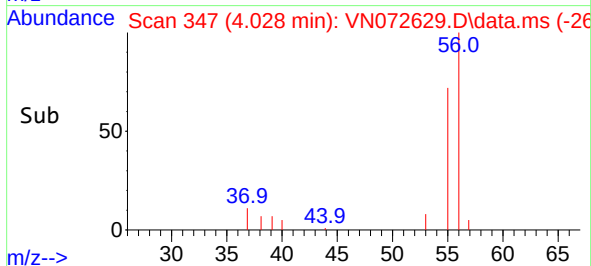
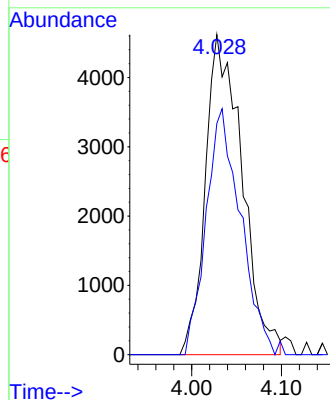
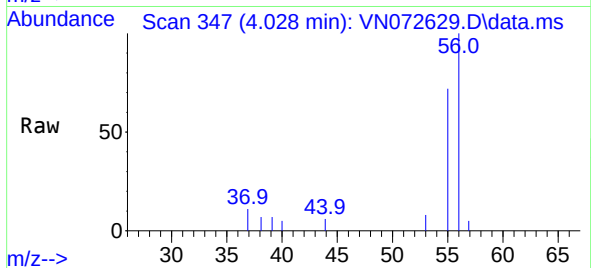
55 72.3 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#14

Acrylonitrile

Concen: 26.448 ug/l

RT: 5.546 min Scan# 605

Delta R.T. 0.000 min

Lab File: VN072629.D

Acq: 26 May 2022 14:20

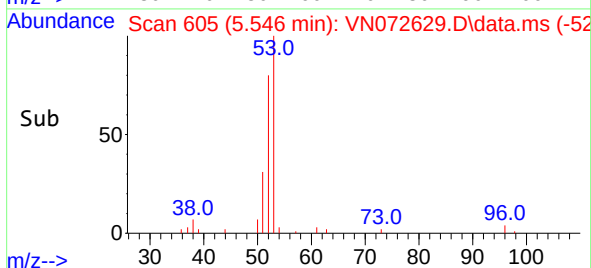
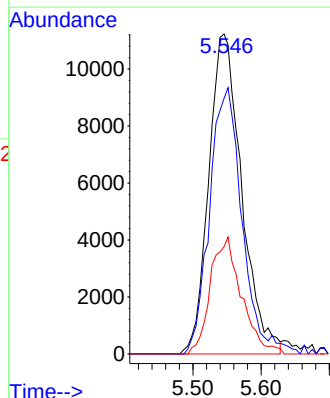
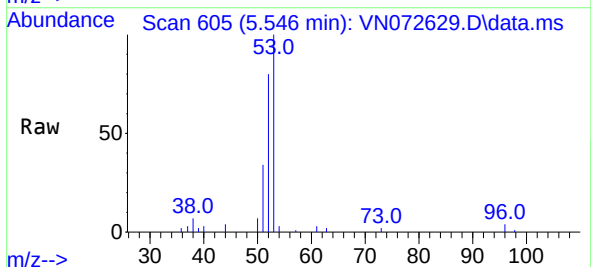
Tgt Ion: 53 Resp: 37677

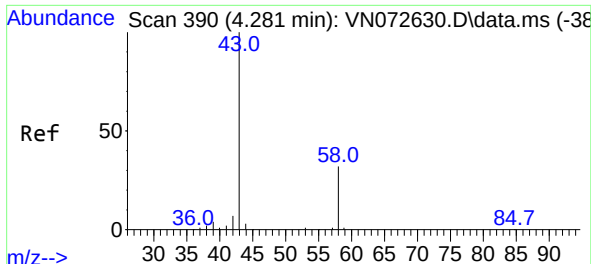
Ion Ratio Lower Upper

53 100

52 79.9 41.8 125.4

51 33.9 19.0 57.0





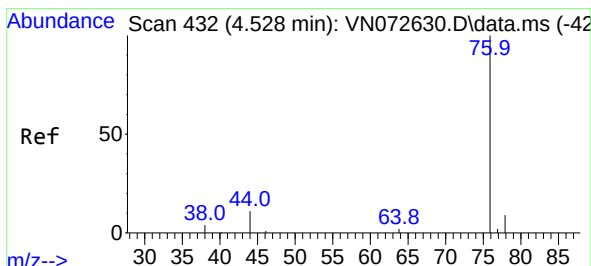
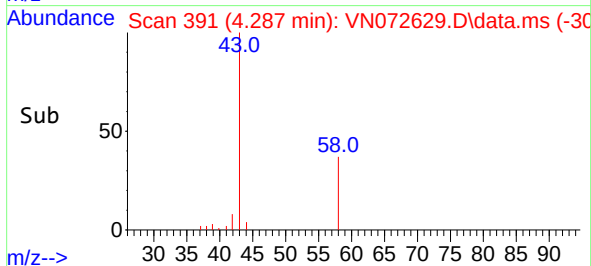
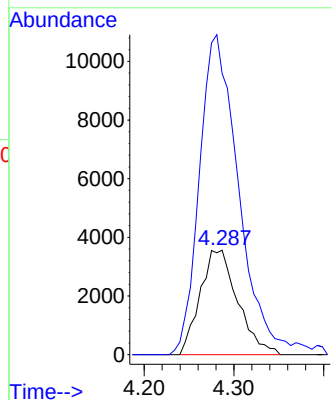
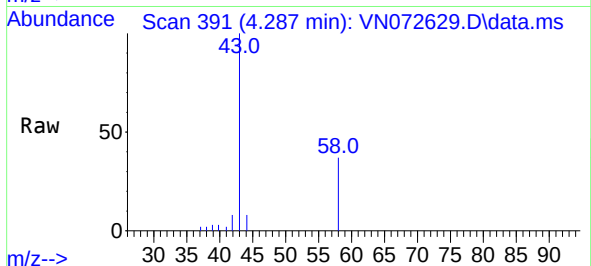
#15
Acetone
Concen: 27.874 ug/l
RT: 4.287 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 58 Resp: 1039
Ion Ratio Lower Upper
58 100
43 256.9 256.6 384.8

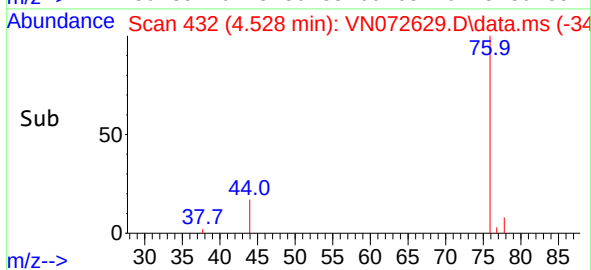
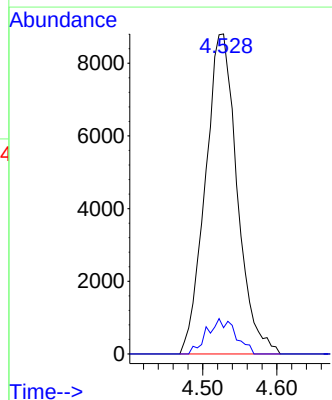
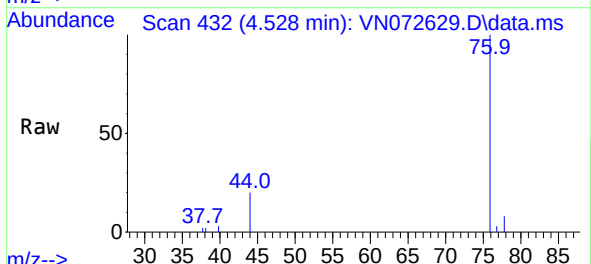
Manual Integrations
APPROVED

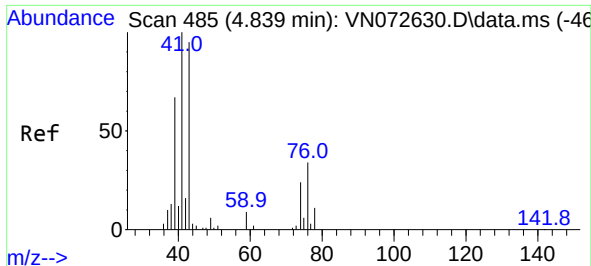
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#16
Carbon Disulfide
Concen: 5.064 ug/l
RT: 4.528 min Scan# 432
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

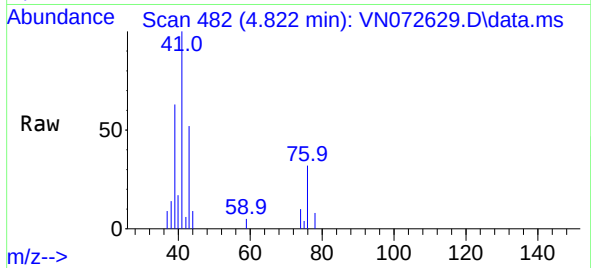
Tgt Ion: 76 Resp: 26293
Ion Ratio Lower Upper
76 100
78 8.2 7.8 11.8





#17
 Allyl chloride
 Concen: 4.471 ug/l
 RT: 4.822 min Scan# 41
 Delta R.T. -0.017 min
 Lab File: VN072629.D
 Acq: 26 May 2022 14:20

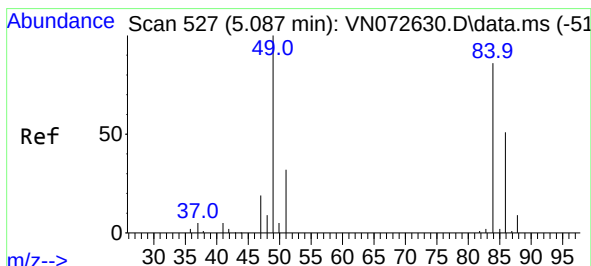
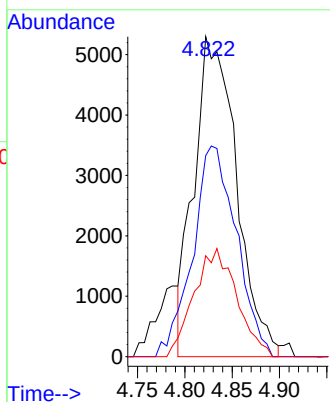
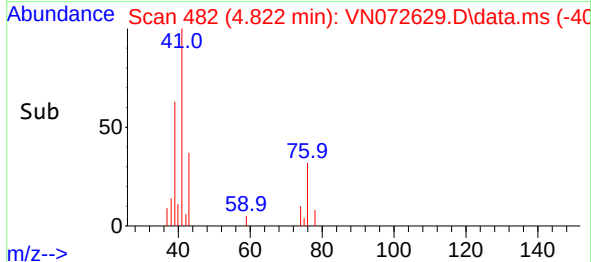
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 41 Resp: 1651
 Ion Ratio Lower Upper
 41 100
 39 65.1 44.6 134.0
 76 32.7 19.6 58.7

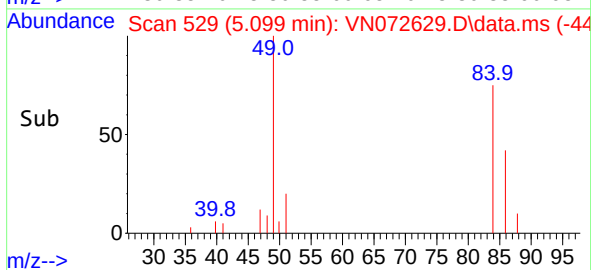
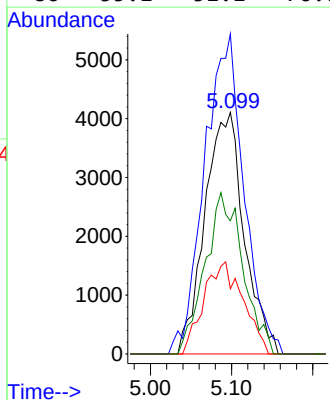
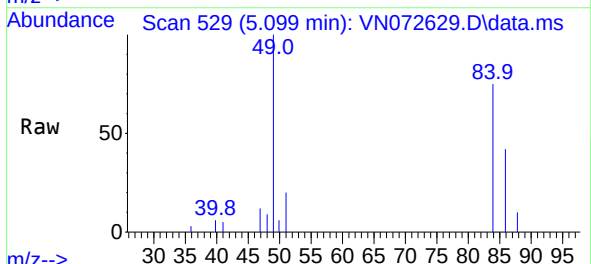
Manual Integrations
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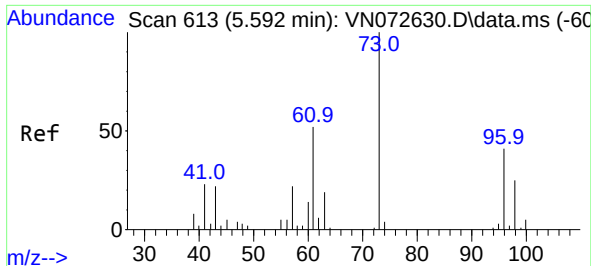
Reviewed By :John Carlone 05/27/2022
 Supervised By :Mahesh Dadoda 05/27/2022



#18
 Methylene Chloride
 Concen: 5.680 ug/l
 RT: 5.099 min Scan# 529
 Delta R.T. 0.012 min
 Lab File: VN072629.D
 Acq: 26 May 2022 14:20

Tgt Ion: 84 Resp: 13757
 Ion Ratio Lower Upper
 84 100
 49 126.7 91.4 137.0
 51 26.9 29.4 44.0#
 86 55.1 51.1 76.7





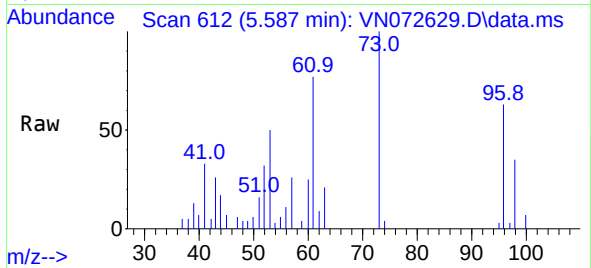
#19
trans-1,2-Dichloroethene
Concen: 4.804 ug/l
RT: 5.587 min Scan# 613
Delta R.T. -0.006 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

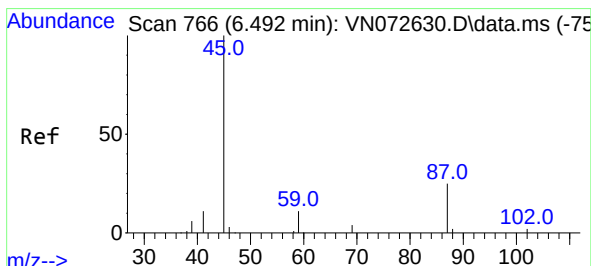
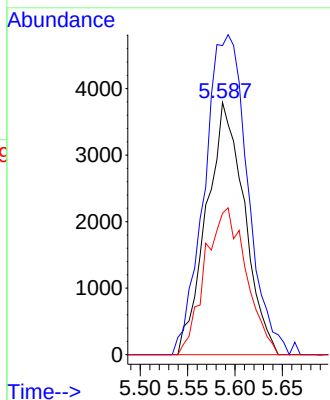
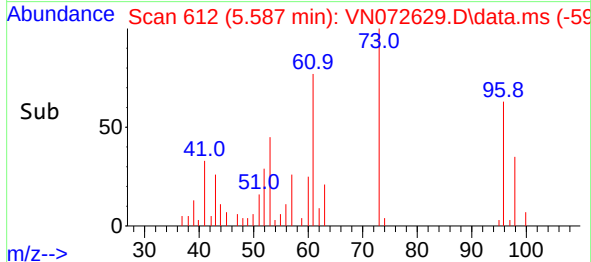


Tgt Ion: 96 Resp: 10550
Ion Ratio Lower Upper
96 100
61 115.7 102.8 154.2
98 56.1 49.3 73.9

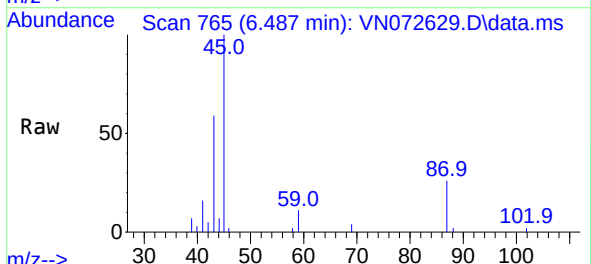
Manual Integrations

APPROVED

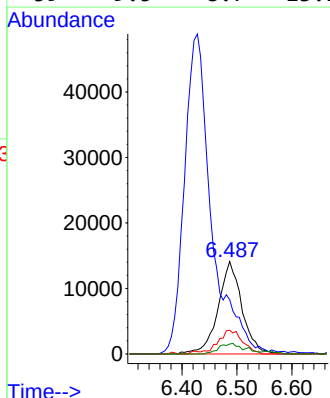
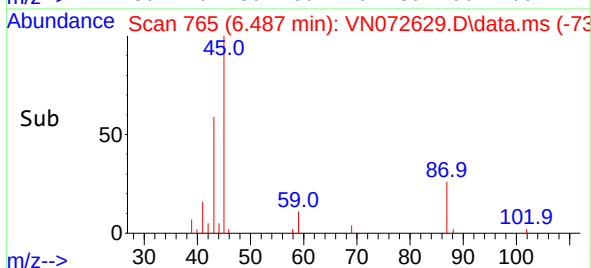
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

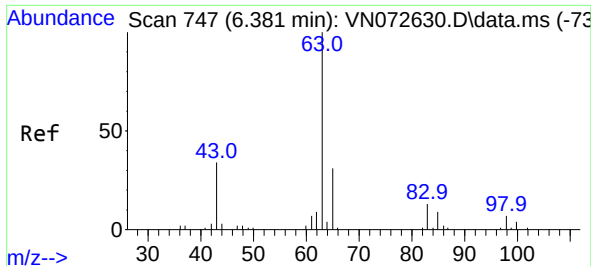


#20
Diisopropyl ether
Concen: 5.487 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.006 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20



Tgt Ion: 45 Resp: 42500
Ion Ratio Lower Upper
45 100
43 56.3 51.0 76.4
87 25.6 25.0 37.4
59 9.5 8.7 13.1





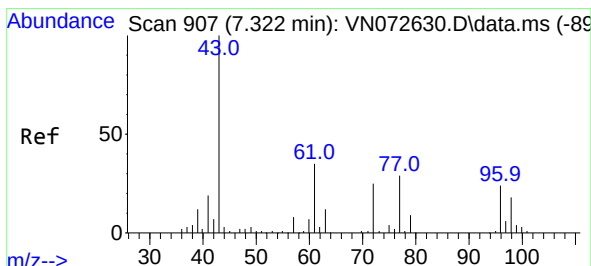
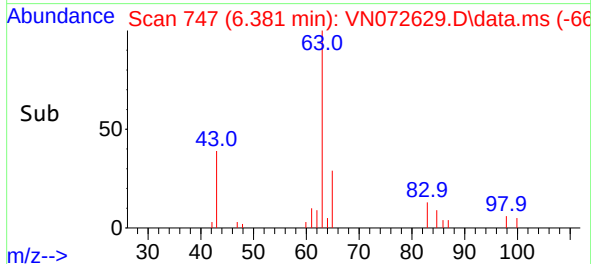
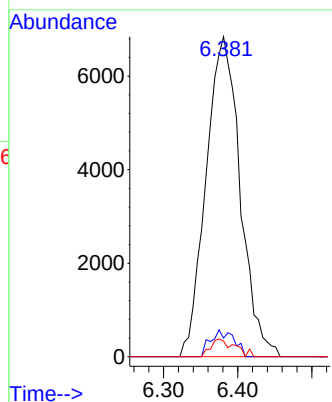
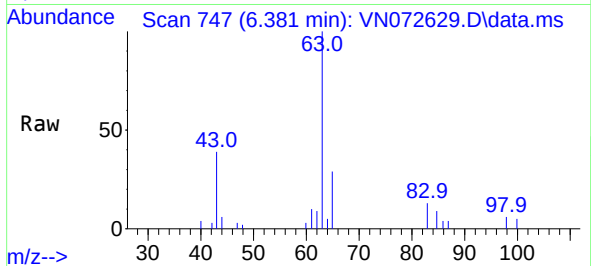
#21
1,1-Dichloroethane
Concen: 4.898 ug/l
RT: 6.381 min Scan# 747
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 2191
Ion Ratio Lower Upper
63 100
98 5.8 3.2 9.6
100 4.9 2.1 6.2

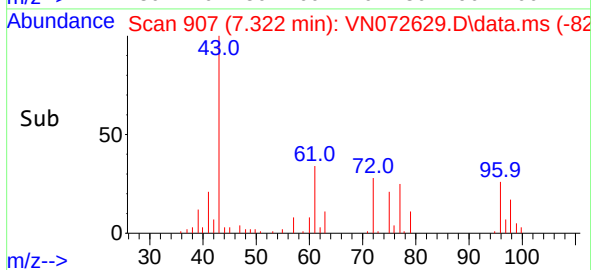
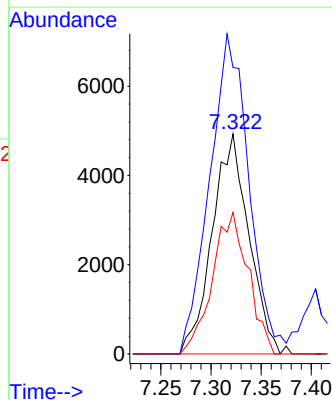
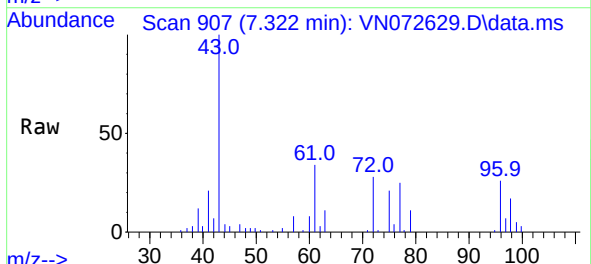
Manual Integrations
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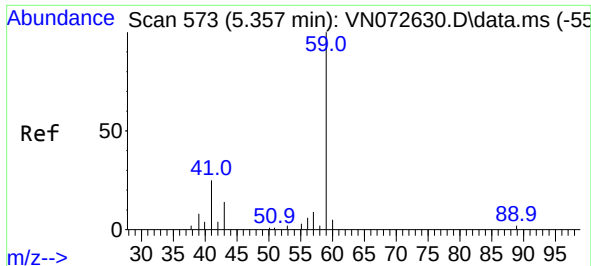
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#22
cis-1,2-Dichloroethene
Concen: 4.805 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Tgt Ion: 96 Resp: 12483
Ion Ratio Lower Upper
96 100
61 155.9 115.7 173.5
98 63.2 51.6 77.4





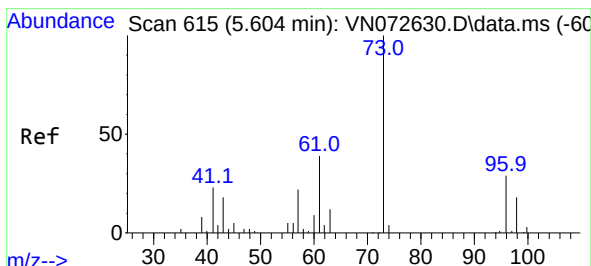
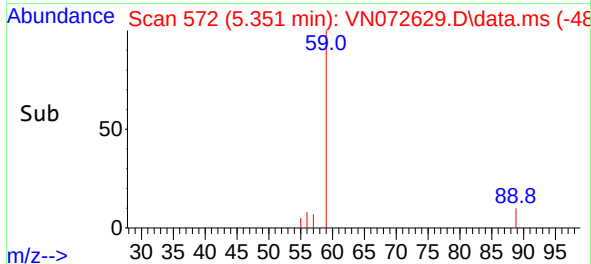
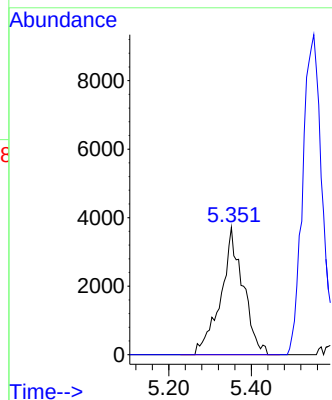
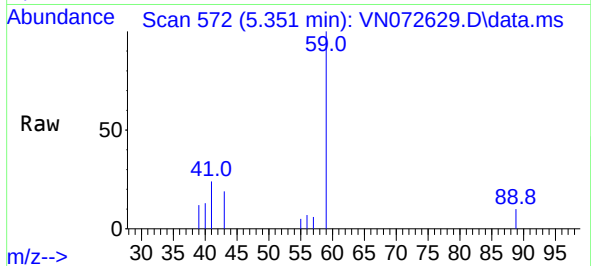
#23
tert-Butyl Alcohol
Concen: 24.047 ug/l m
RT: 5.351 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 13980
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

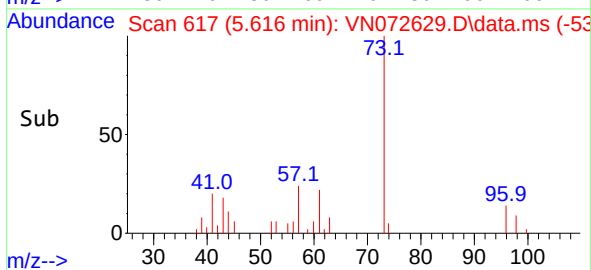
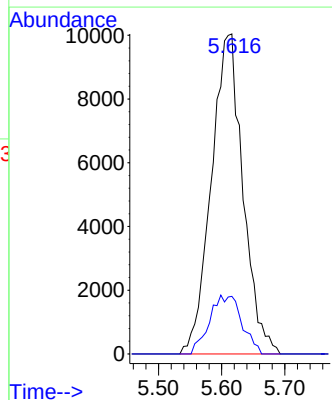
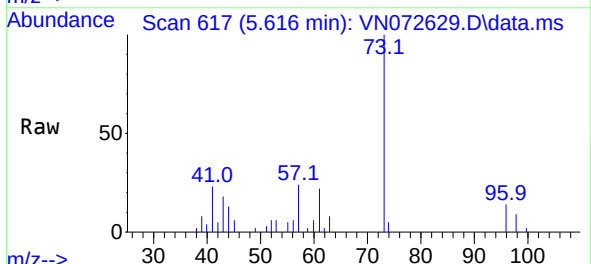
Manual Integrations
APPROVED

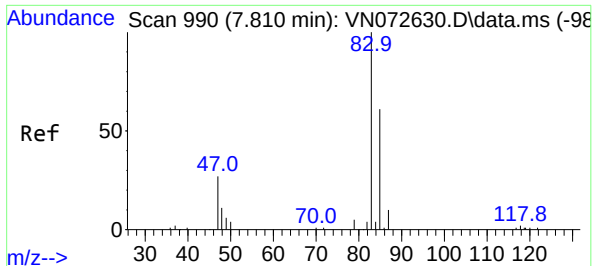
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#24
Methyl tert-Butyl Ether
Concen: 4.373 ug/l
RT: 5.616 min Scan# 617
Delta R.T. 0.012 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Tgt Ion: 73 Resp: 35031
Ion Ratio Lower Upper
73 100
43 9.5 18.1 27.1#





#25

Chloroform

Concen: 4.624 ug/l

RT: 7.810 min Scan# 990

Delta R.T. 0.000 min

Lab File: VN072629.D

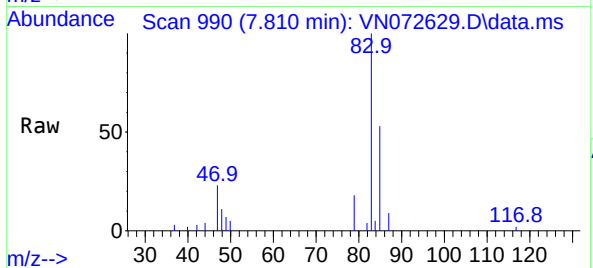
Acq: 26 May 2022 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



Tgt Ion: 83 Resp: 21860

Ion Ratio Lower Upper

83 100

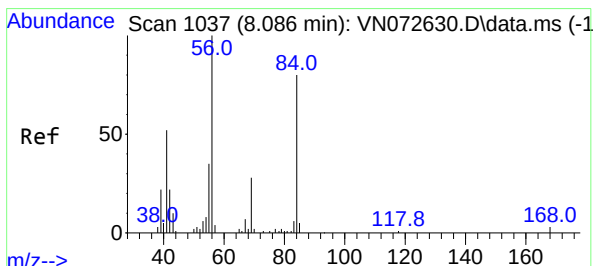
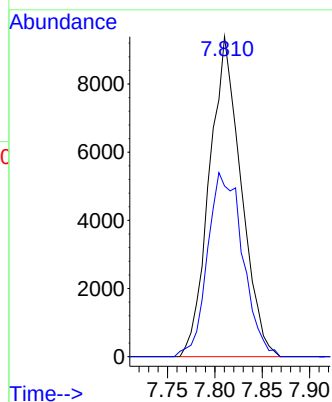
85 53.4 51.3 76.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#26

Cyclohexane

Concen: 5.225 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VN072629.D

Acq: 26 May 2022 14:20

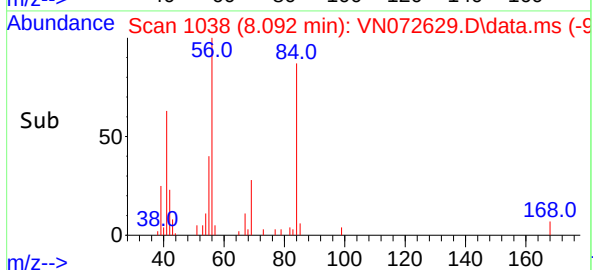
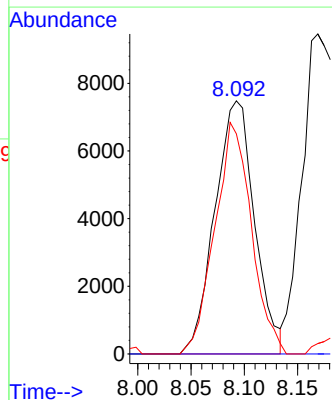
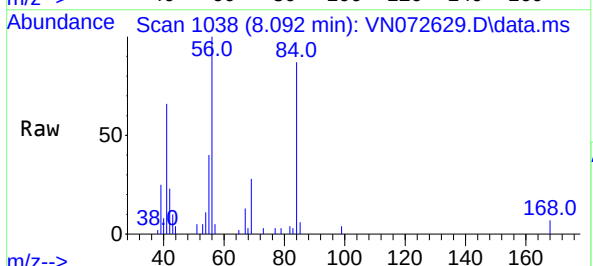
Tgt Ion: 56 Resp: 19350

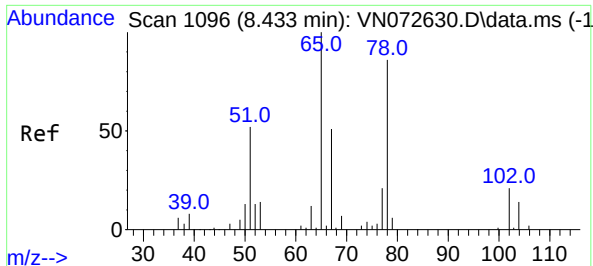
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

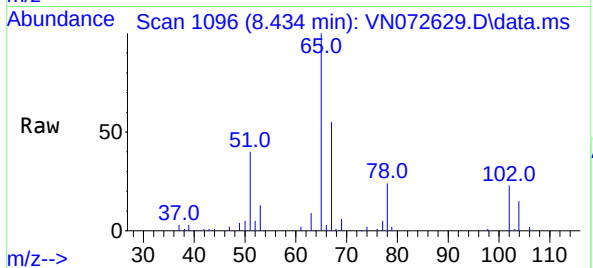
84 84.5 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 25.774 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

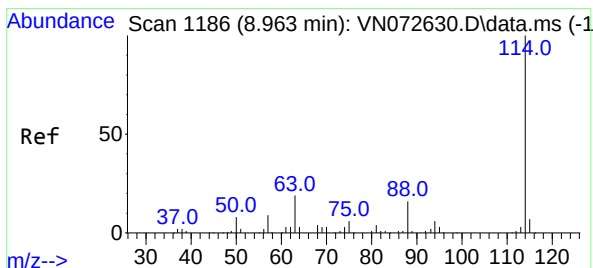
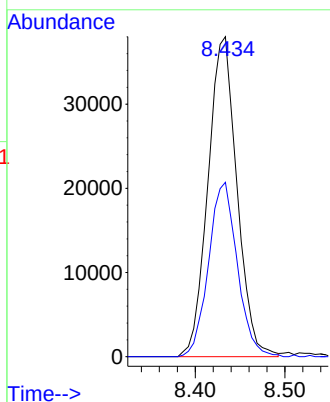
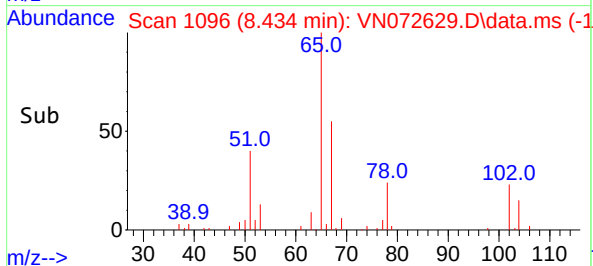
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



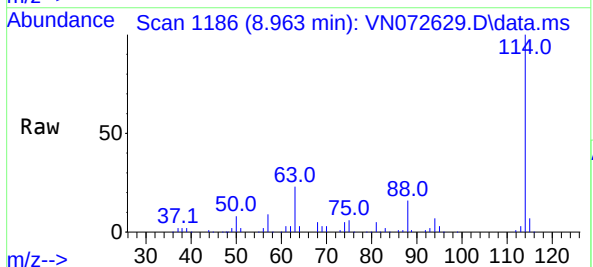
Tgt Ion: 65 Resp: 85230
Ion Ratio Lower Upper
65 100
67 54.0 40.2 60.2

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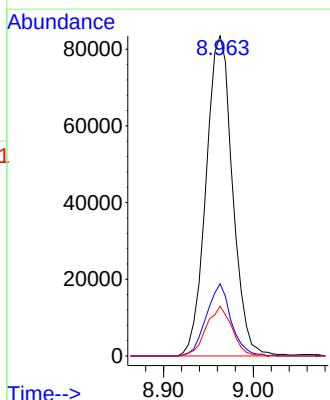
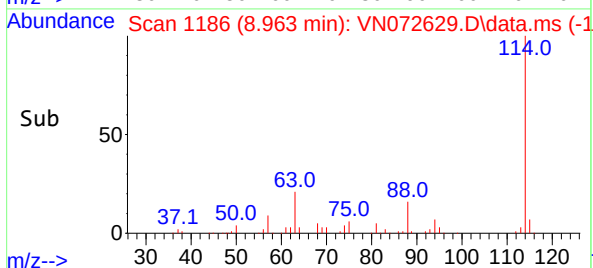
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

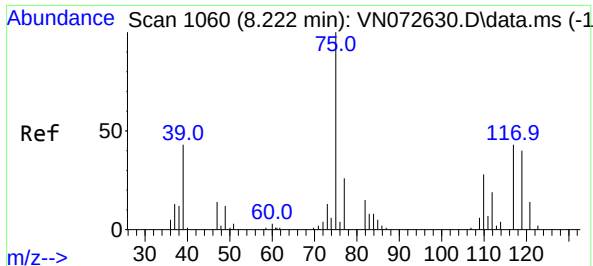


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20



Tgt Ion:114 Resp: 171008
Ion Ratio Lower Upper
114 100
63 21.1 15.8 23.6
88 15.0 11.6 17.4





#29
1,1-Dichloropropene
Concen: 4.403 ug/l
RT: 8.210 min Scan# 1058
Delta R.T. -0.012 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Instrument :

MSVOA_N

ClientSampleId :

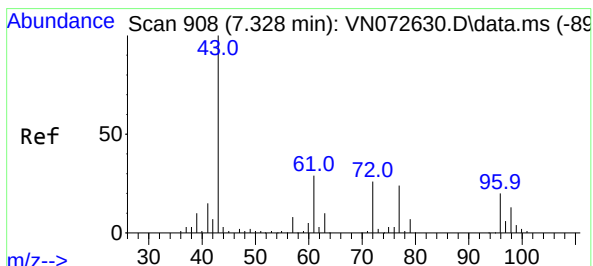
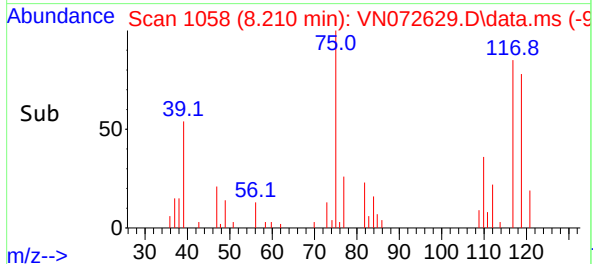
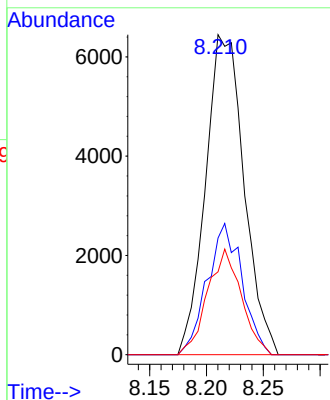
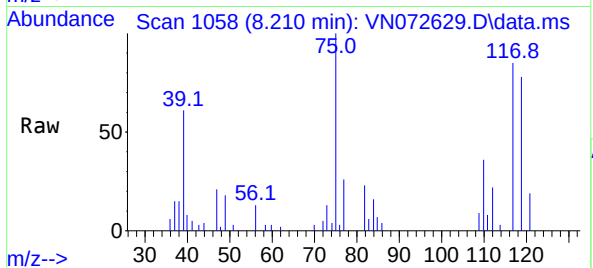
VSTDIC005

Tgt Ion: 75 Resp: 15174
Ion Ratio Lower Upper
75 100
110 37.1 0.0 74.2
77 29.1 0.0 63.2

Manual Integrations

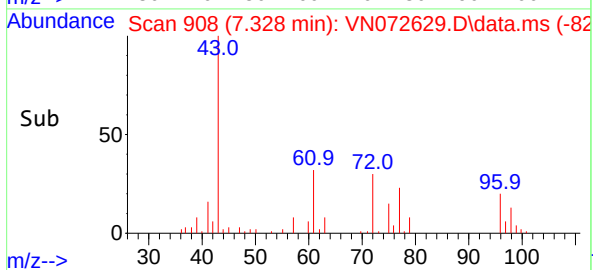
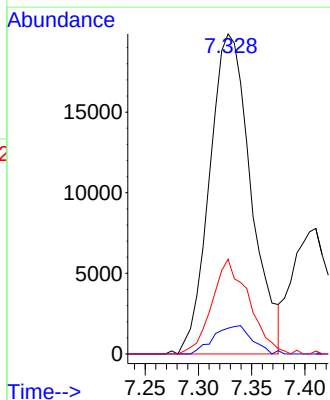
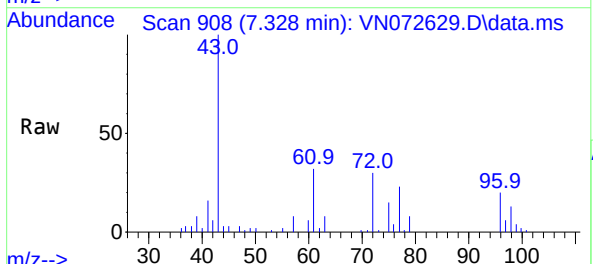
APPROVED

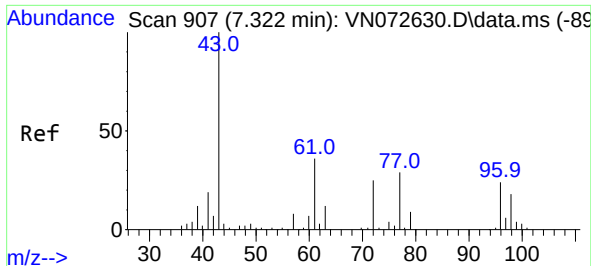
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#30
2-Butanone
Concen: 25.947 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Tgt Ion: 43 Resp: 53684
Ion Ratio Lower Upper
43 100
57 8.0 6.7 10.1
72 26.4 23.2 34.8





#31

2,2-Dichloropropane

Concen: 3.986 ug/l

RT: 7.316 min Scan# 907

Delta R.T. -0.006 min

Lab File: VN072629.D

Acq: 26 May 2022 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 77 Resp: 1657

Ion Ratio Lower Upper

77 100

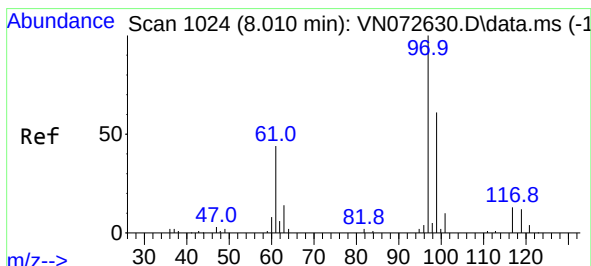
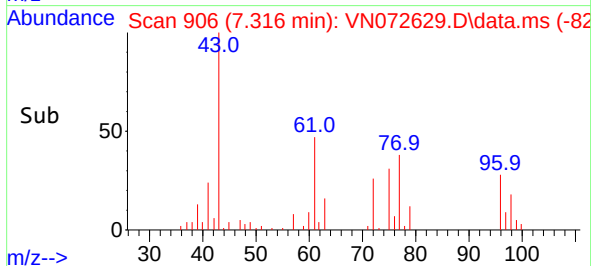
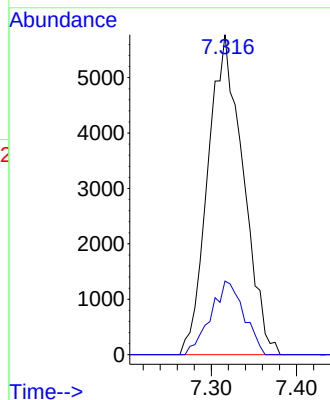
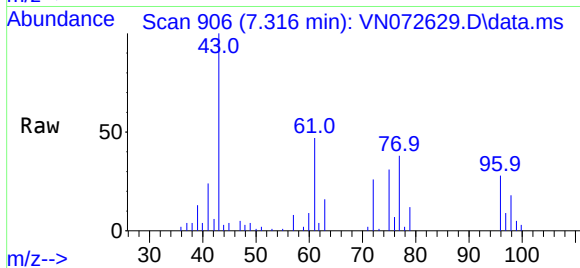
97 21.6 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#32

1,1,1-Trichloroethane

Concen: 3.624 ug/l

RT: 8.004 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN072629.D

Acq: 26 May 2022 14:20

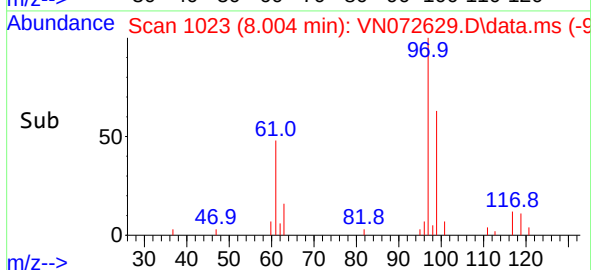
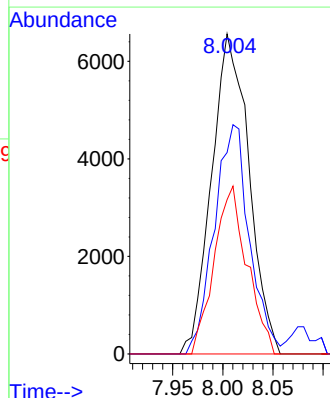
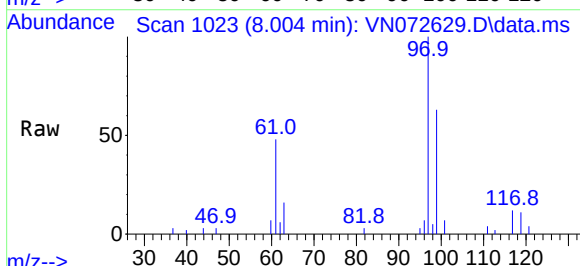
Tgt Ion: 97 Resp: 17026

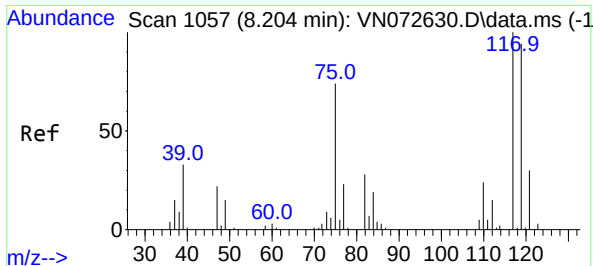
Ion Ratio Lower Upper

97 100

99 67.6 50.4 75.6

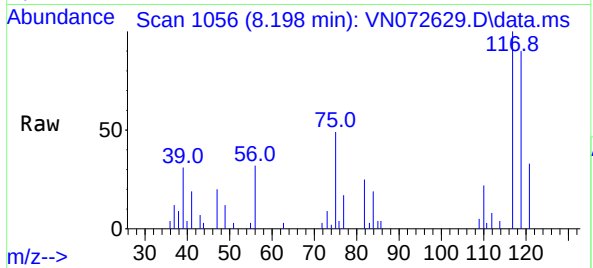
61 46.3 34.6 51.8





#33
Carbon Tetrachloride
Concen: 3.770 ug/l
RT: 8.198 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

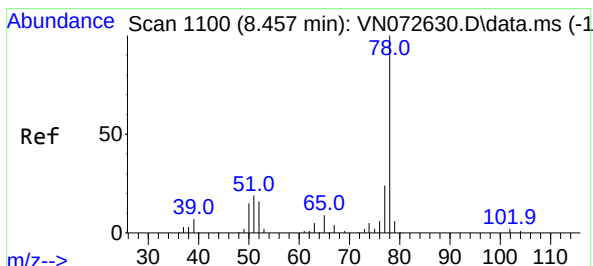
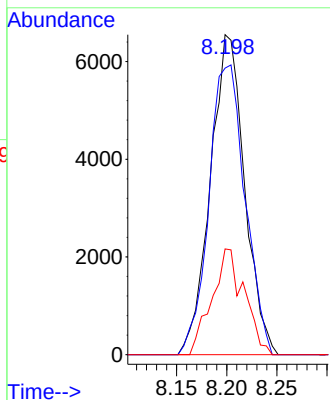
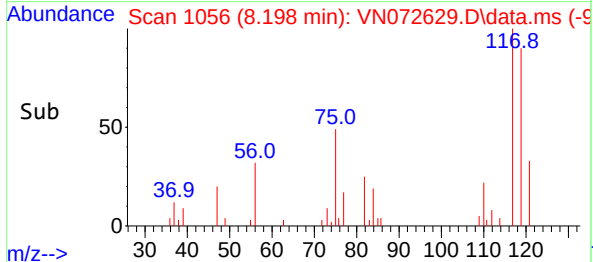
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



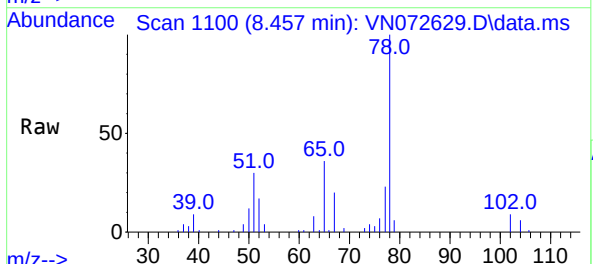
Tgt Ion:117 Resp: 15560
Ion Ratio Lower Upper
117 100
119 89.5 77.5 116.3
121 33.0 23.5 35.3

Manual Integrations
APPROVED

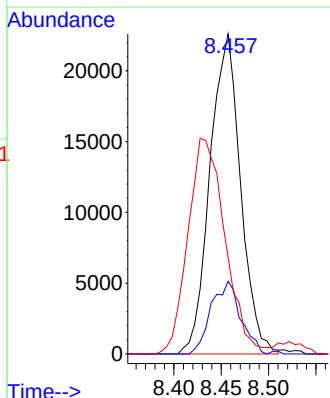
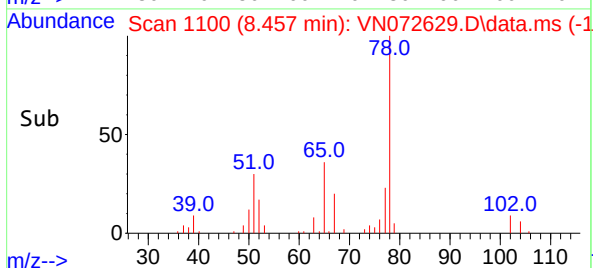
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

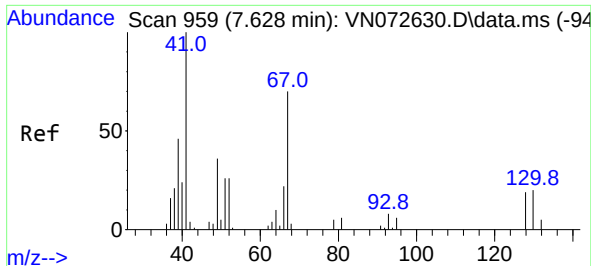


#34
Benzene
Concen: 5.089 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20



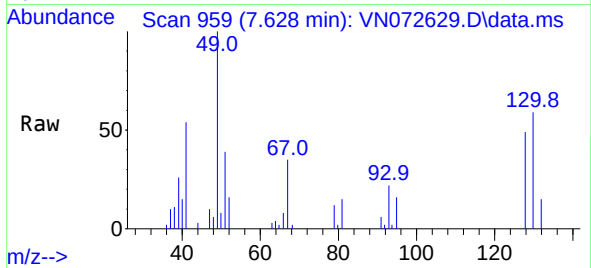
Tgt Ion: 78 Resp: 50747
Ion Ratio Lower Upper
78 100
77 22.7 19.1 28.7
51 26.9 16.0 24.0#





#35
Methacrylonitrile
Concen: 5.105 ug/l m
RT: 7.628 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

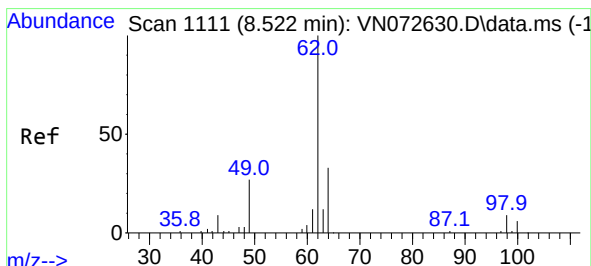
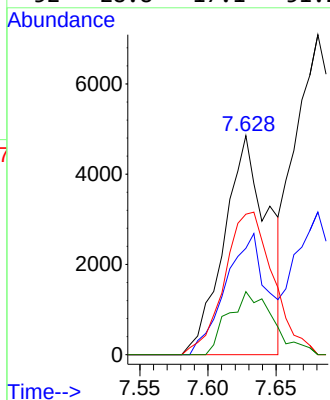
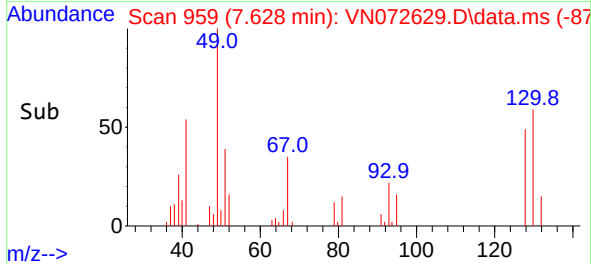
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



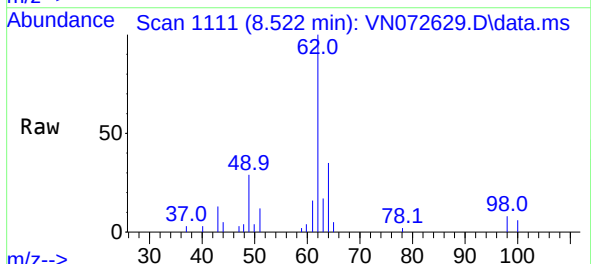
Tgt Ion: 41 Resp: 10879
Ion Ratio Lower Upper
41 100
39 48.6 28.0 83.9
67 64.2 37.7 113.1
52 28.8 17.1 51.2

Manual Integrations
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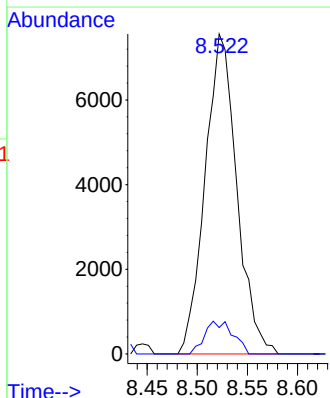
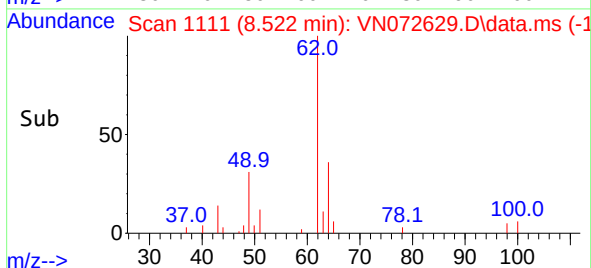
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

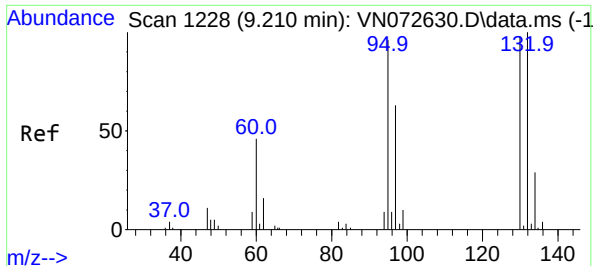


#36
1,2-Dichloroethane
Concen: 3.852 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20



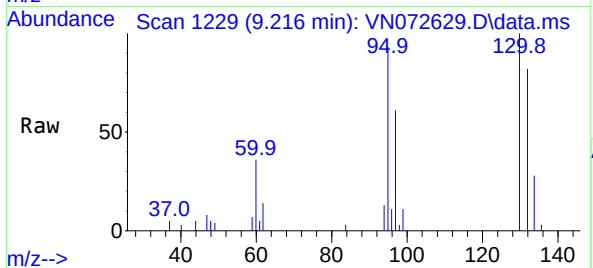
Tgt Ion: 62 Resp: 16621
Ion Ratio Lower Upper
62 100
98 5.2 6.6 10.0#





#37
Trichloroethene
Concen: 4.406 ug/l
RT: 9.216 min Scan# 11570
Delta R.T. 0.006 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

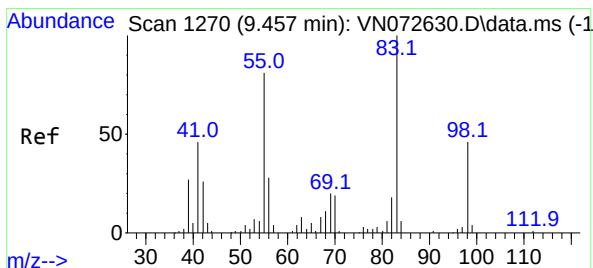
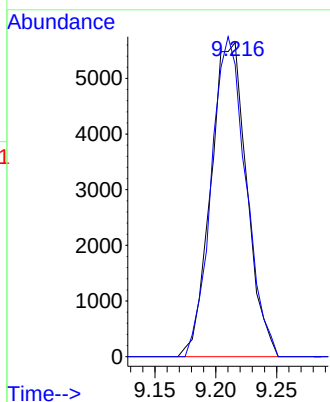
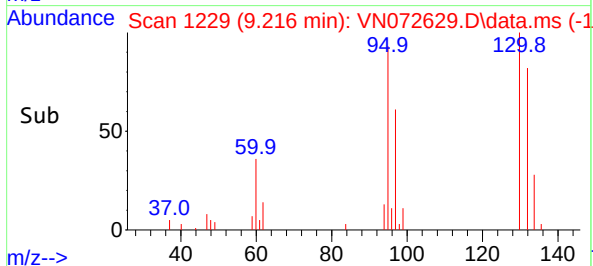
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



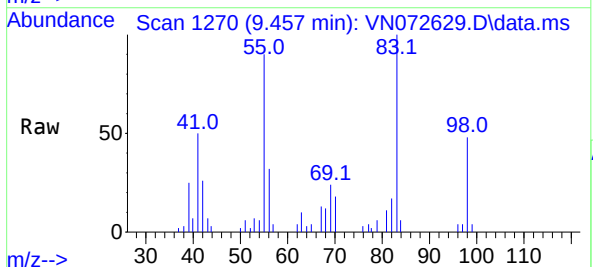
Tgt Ion:130 Resp: 11570
Ion Ratio Lower Upper
130 100
95 93.0 76.6 115.0

Manual Integrations
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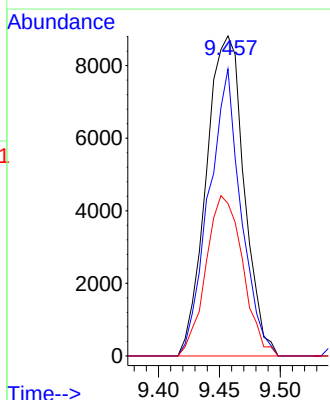
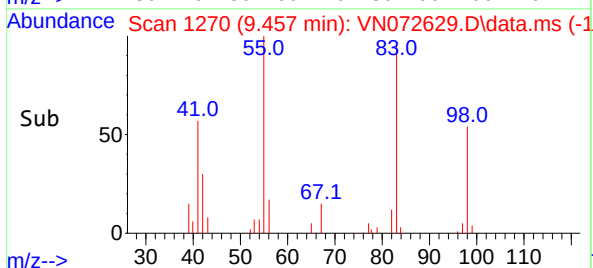
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

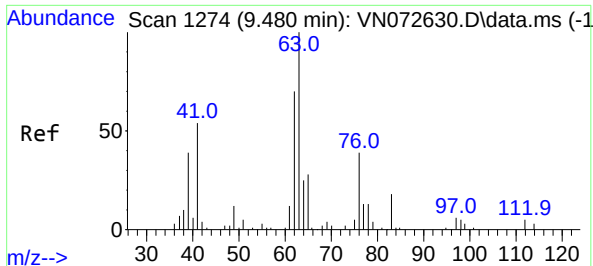


#38
Methylcyclohexane
Concen: 4.749 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20



Tgt Ion: 83 Resp: 19026
Ion Ratio Lower Upper
83 100
55 76.7 35.1 105.3
98 48.9 23.4 70.2





#39
1,2-Dichloropropane
Concen: 5.234 ug/l
RT: 9.481 min Scan# 1274
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Instrument :

MSVOA_N

ClientSampleId :

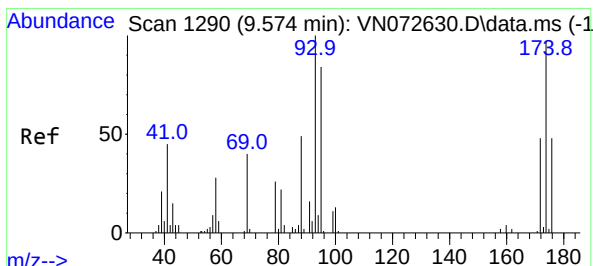
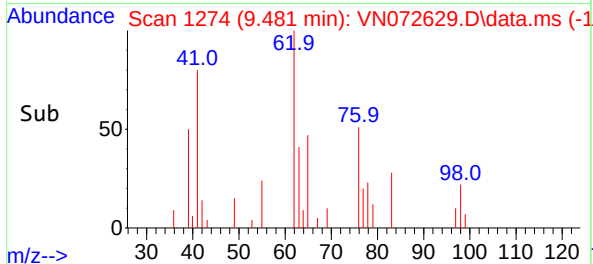
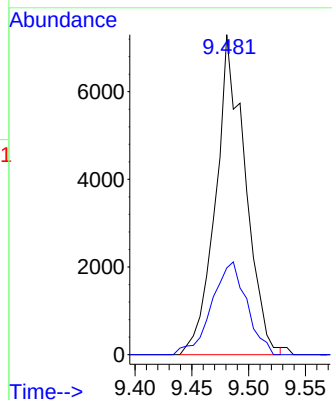
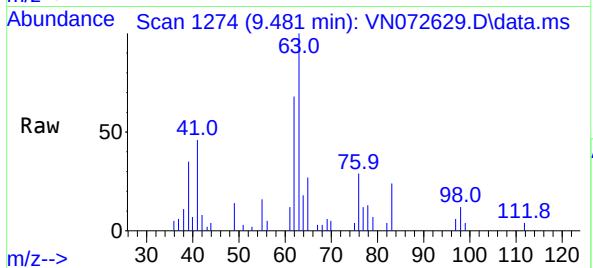
VSTDIC005

Tgt Ion: 63 Resp: 1326
Ion Ratio Lower Upper
63 100
65 27.1 24.2 36.4

Manual Integrations

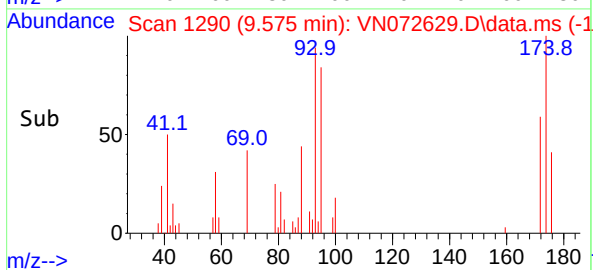
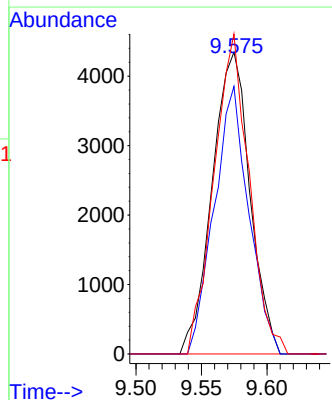
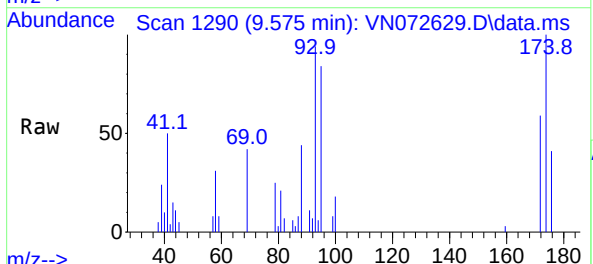
APPROVED

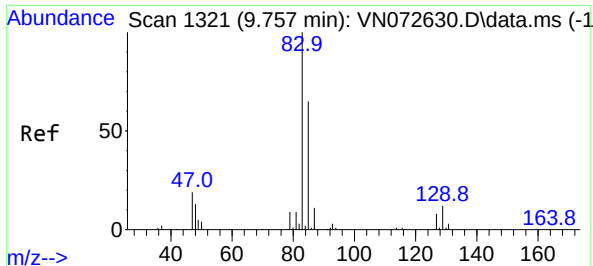
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#40
Dibromomethane
Concen: 4.644 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

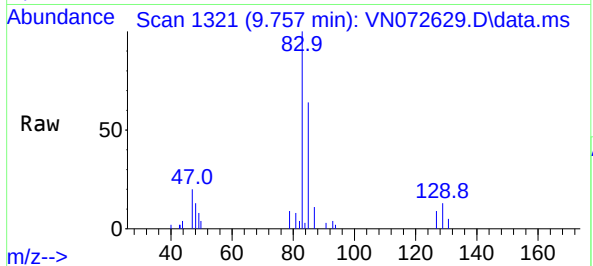
Tgt Ion: 93 Resp: 8709
Ion Ratio Lower Upper
93 100
95 81.3 0.0 168.8
174 98.2 0.0 173.6





#41
Bromodichloromethane
Concen: 4.183 ug/l
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

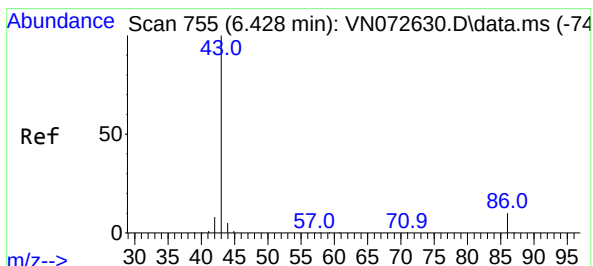
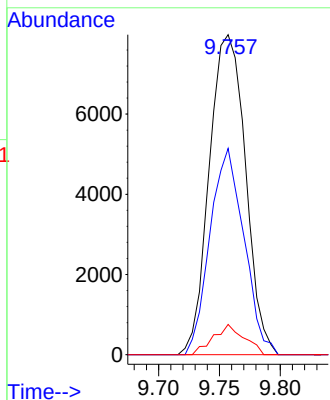
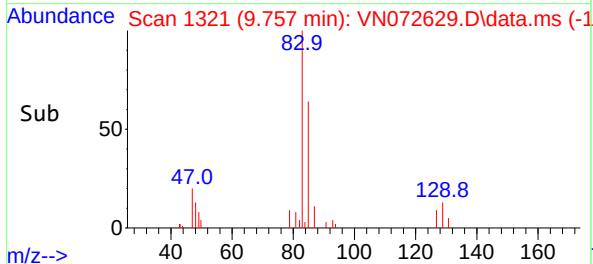
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



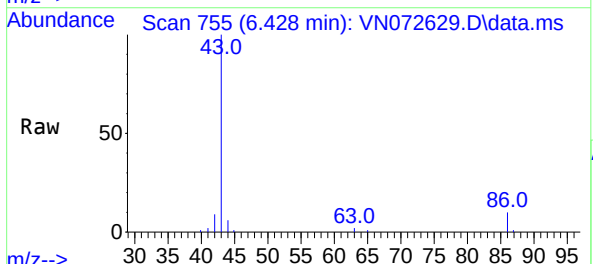
Tgt Ion: 83 Resp: 1653
Ion Ratio Lower Upper
83 100
85 64.5 54.1 81.1
127 9.5 7.6 11.4

Manual Integrations
APPROVED

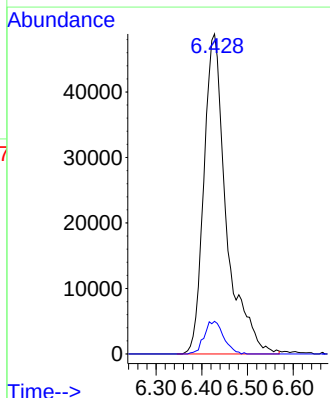
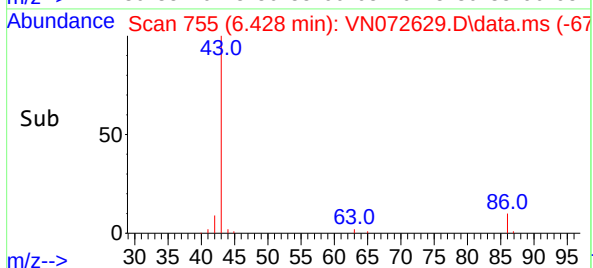
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

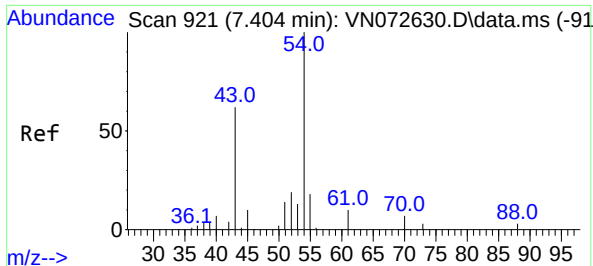


#42
Vinyl Acetate
Concen: 24.237 ug/l m
RT: 6.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20



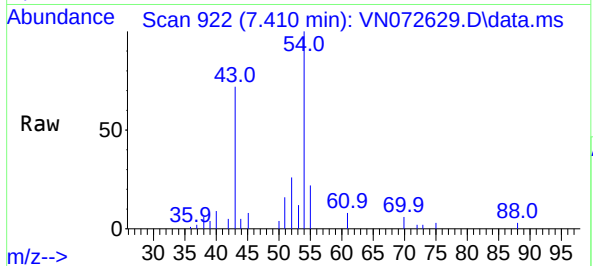
Tgt Ion: 43 Resp: 166718
Ion Ratio Lower Upper
43 100
86 4.0 7.5 11.3#





#43
Ethyl Acetate
Concen: 5.239 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

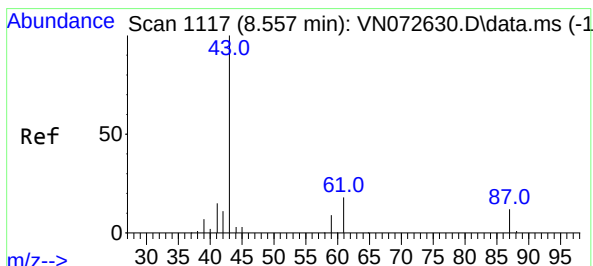
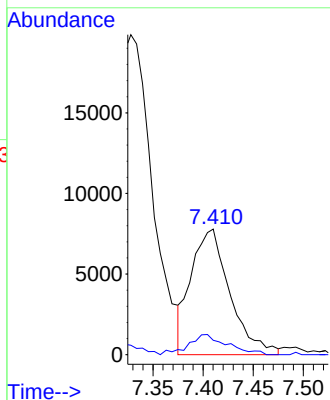
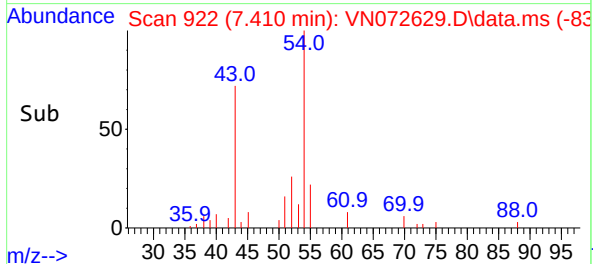
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



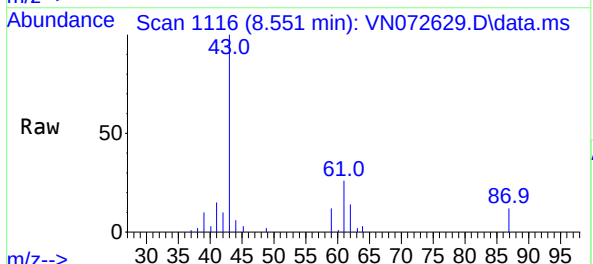
Tgt Ion: 43 Resp: 21020
Ion Ratio Lower Upper
43 100
45 15.2 10.6 16.0

Manual Integrations
APPROVED

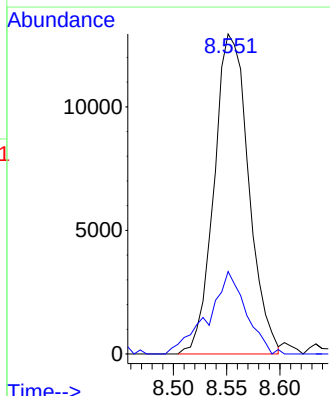
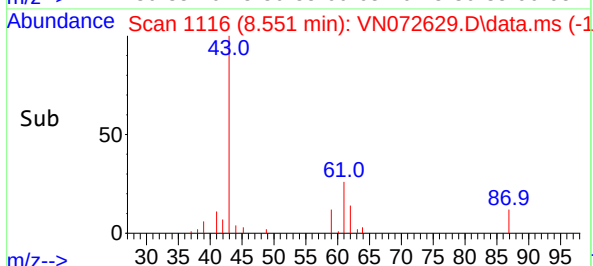
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

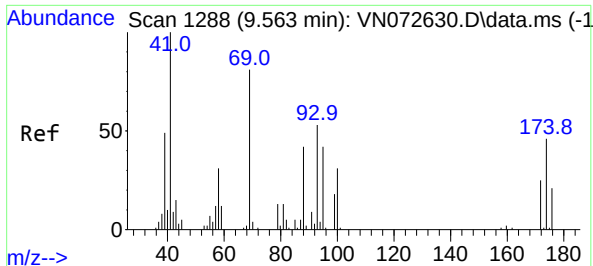


#44
Isopropyl Acetate
Concen: 4.596 ug/l
RT: 8.551 min Scan# 1116
Delta R.T. -0.006 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20



Tgt Ion: 43 Resp: 29170
Ion Ratio Lower Upper
43 100
61 20.8 20.1 30.1





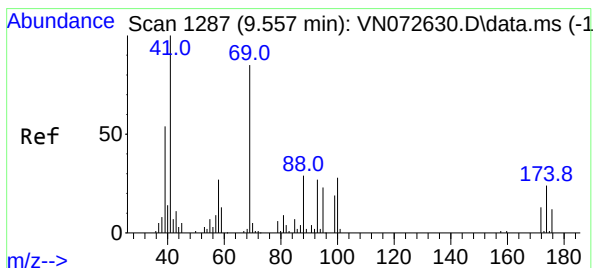
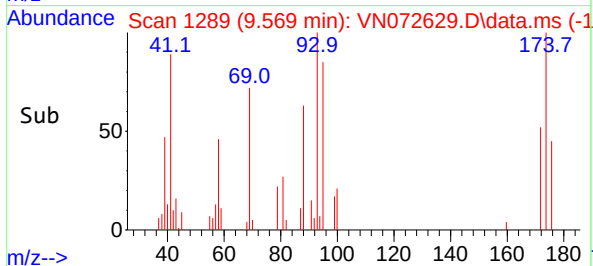
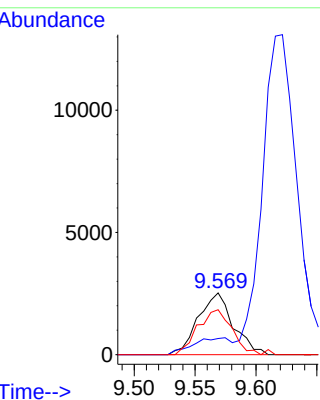
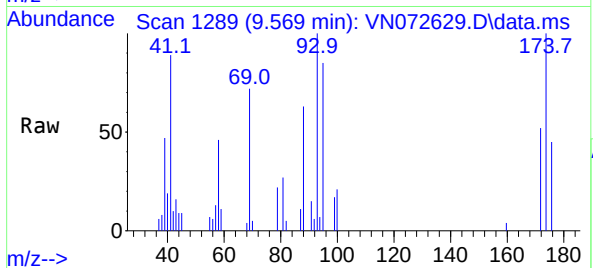
#45
1,4-Dioxane
Concen: 86.174 ug/l
RT: 9.569 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 88 Resp: 5062
Ion Ratio Lower Upper
88 100
43 12.9 25.0 37.6
58 70.7 49.4 74.2

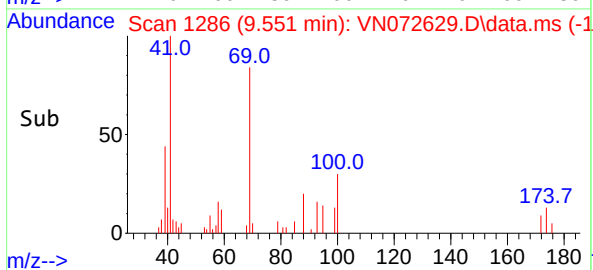
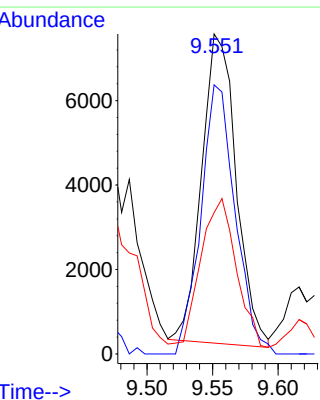
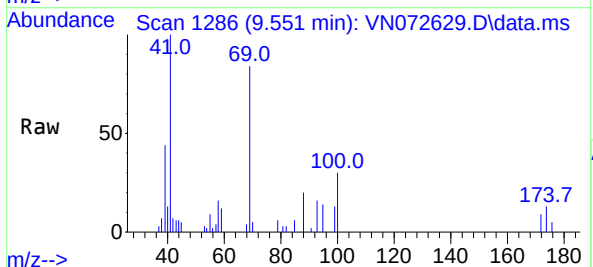
Manual Integrations
APPROVED

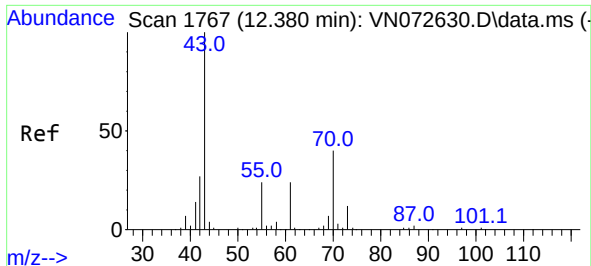
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#46
Methyl methacrylate
Concen: 4.457 ug/l
RT: 9.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Tgt Ion: 41 Resp: 13405
Ion Ratio Lower Upper
41 100
69 88.2 44.4 133.2
39 44.1 39.9 119.6





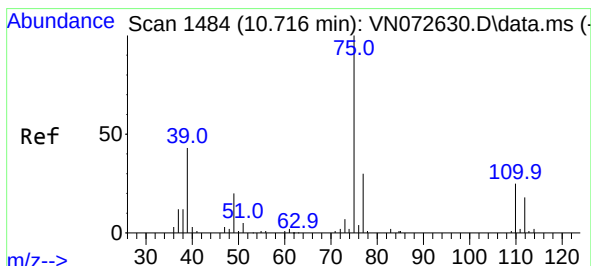
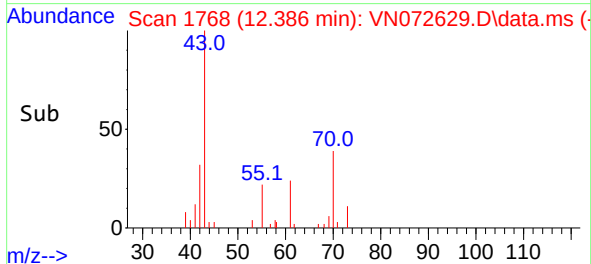
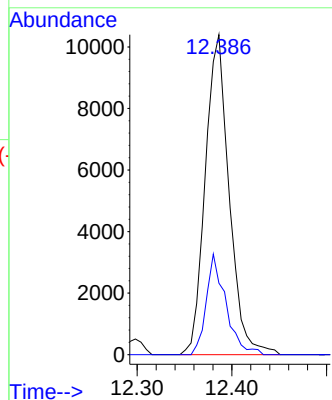
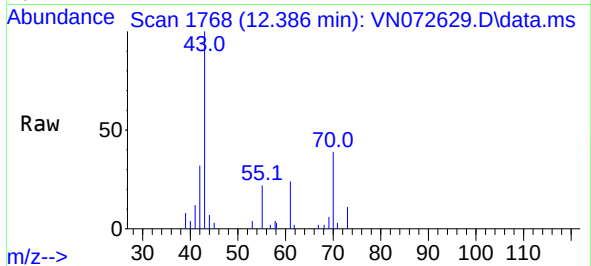
#47
n-amy1 Acetate
Concen: 4.187 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 18239
Ion Ratio Lower Upper
43 100
55 25.1 19.0 28.6

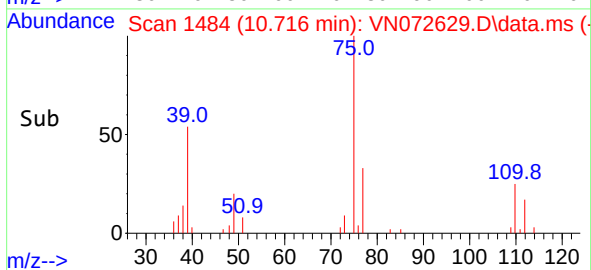
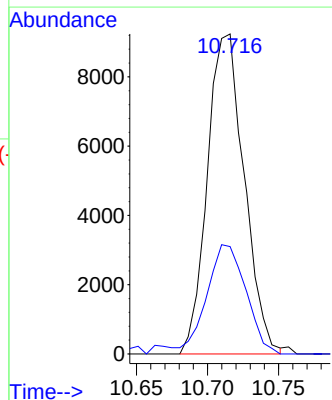
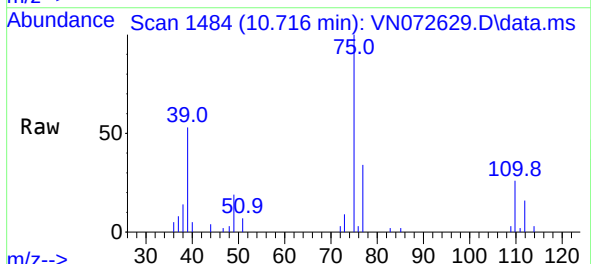
Manual Integrations
APPROVED

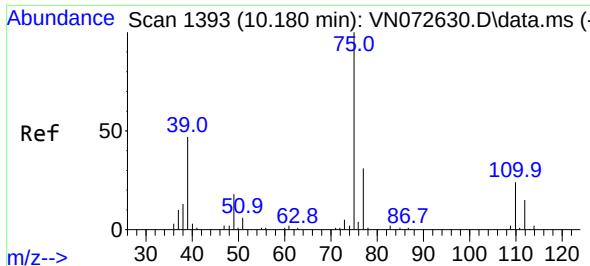
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#48
t-1,3-Dichloropropene
Concen: 3.982 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Tgt Ion: 75 Resp: 16684
Ion Ratio Lower Upper
75 100
77 33.5 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 4.296 ug/l

RT: 10.181 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072629.D

Acq: 26 May 2022 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

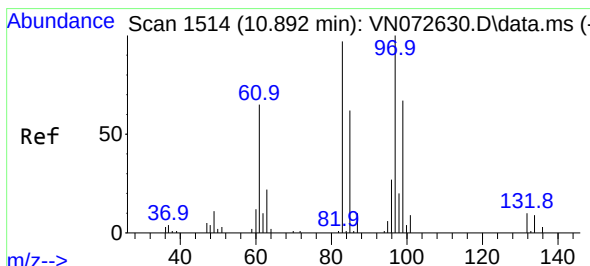
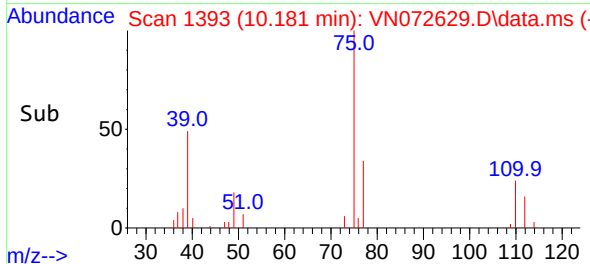
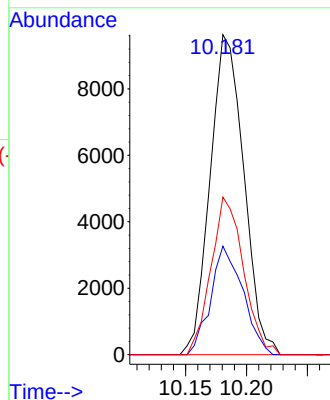
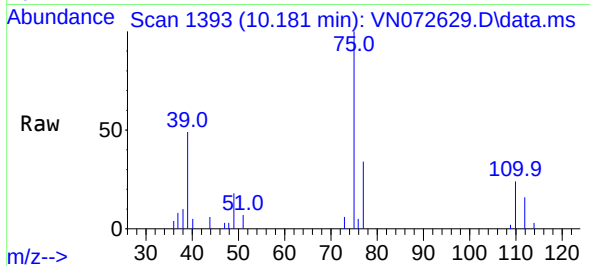
Tgt Ion: 75	Resp: 1848
Ion Ratio	Lower Upper
75 100	
77 33.9	25.3 37.9
39 49.3	46.2 69.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#50

1,1,2-Trichloroethane

Concen: 4.871 ug/l

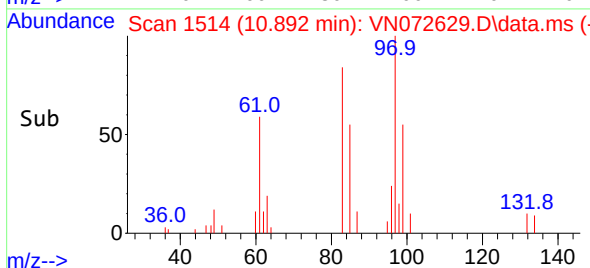
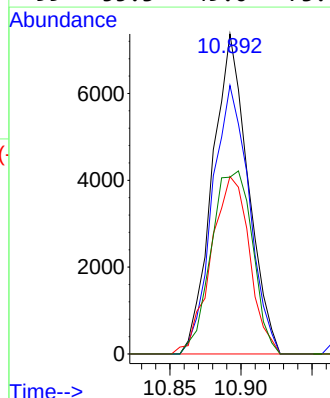
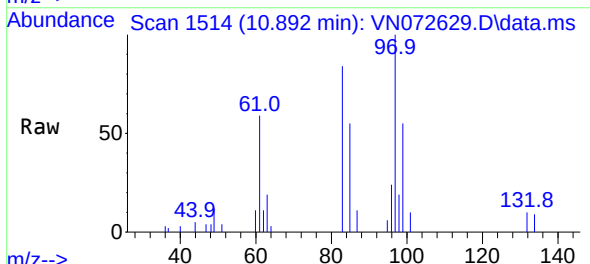
RT: 10.892 min Scan# 1514

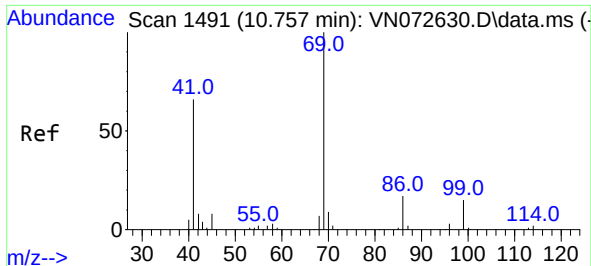
Delta R.T. 0.000 min

Lab File: VN072629.D

Acq: 26 May 2022 14:20

Tgt Ion: 97	Resp: 12889
Ion Ratio	Lower Upper
97 100	
83 83.9	67.2 100.8
85 55.5	43.0 64.4
99 55.3	49.0 73.4





#51
Ethyl methacrylate
Concen: 4.485 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Instrument :

MSVOA_N

ClientSampleId :

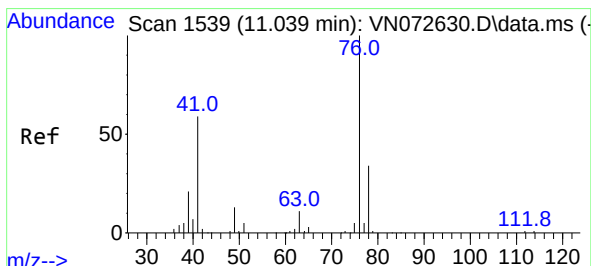
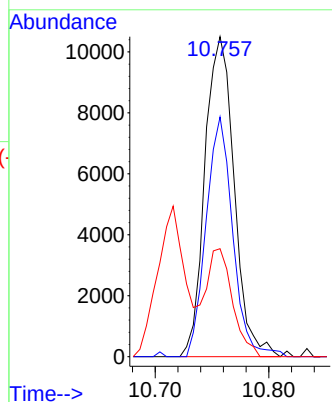
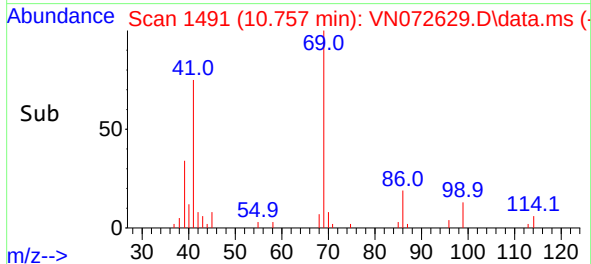
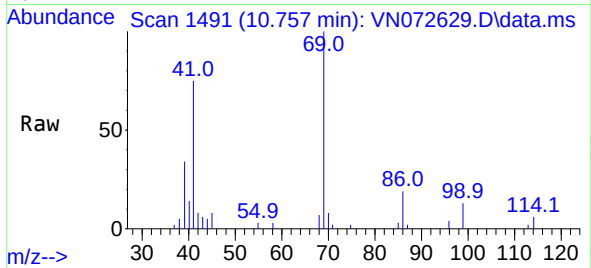
VSTDICC005

Tgt Ion: 69 Resp: 1878
Ion Ratio Lower Upper
69 100
41 74.9 33.0 98.9
39 33.7 25.4 76.4

Manual Integrations

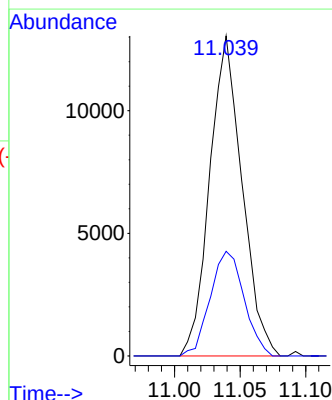
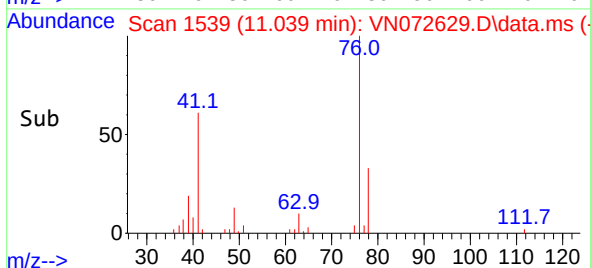
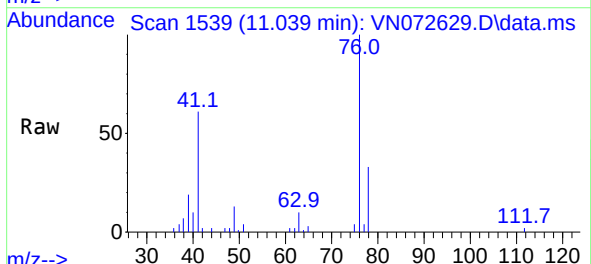
APPROVED

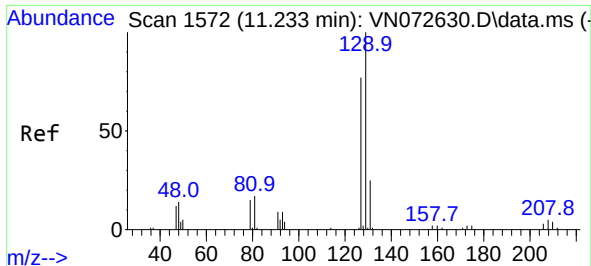
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#52
1,3-Dichloropropane
Concen: 4.888 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Tgt Ion: 76 Resp: 22381
Ion Ratio Lower Upper
76 100
78 34.2 0.0 65.4





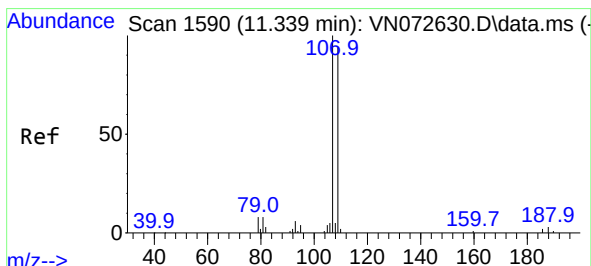
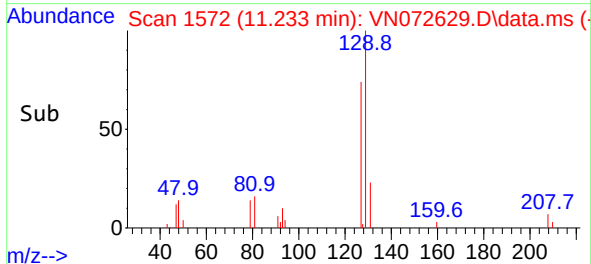
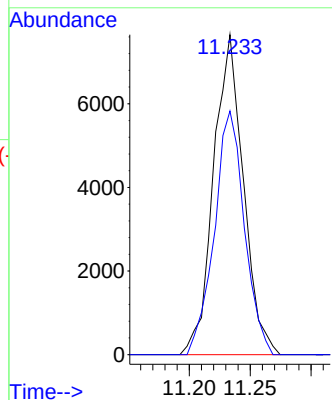
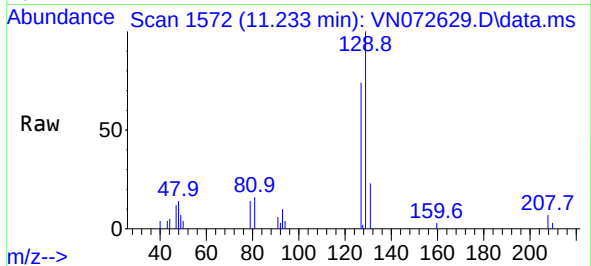
#53
Dibromochloromethane
Concen: 4.248 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:129 Resp: 13050
Ion Ratio Lower Upper
129 100
127 76.7 39.0 117.0

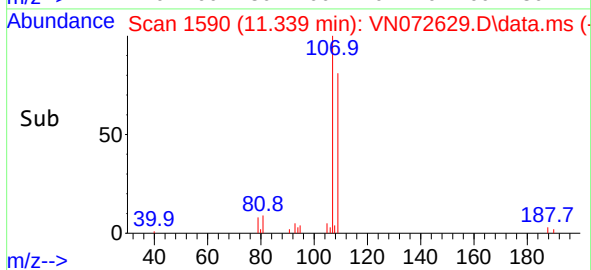
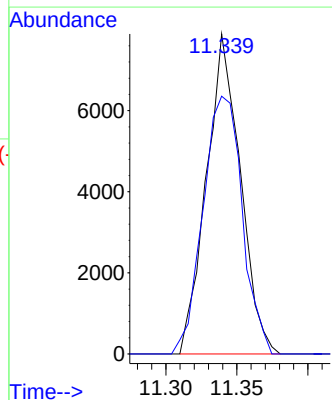
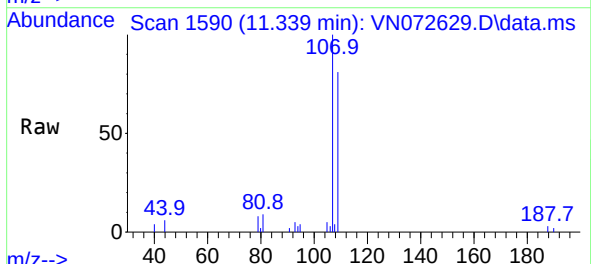
Manual Integrations
APPROVED

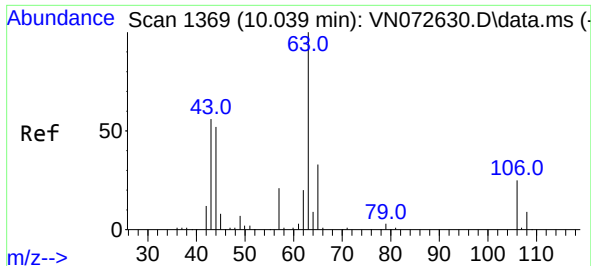
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#54
1,2-Dibromoethane
Concen: 4.674 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Tgt Ion:107 Resp: 13103
Ion Ratio Lower Upper
107 100
109 93.0 72.8 109.2





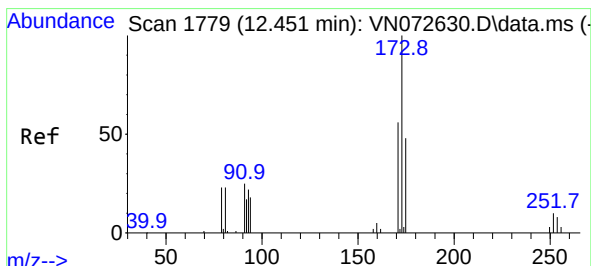
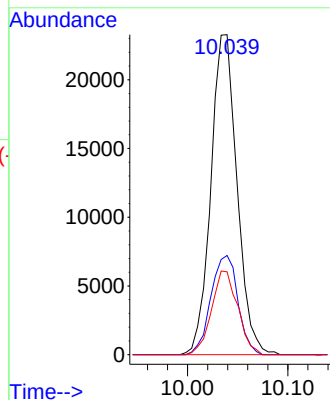
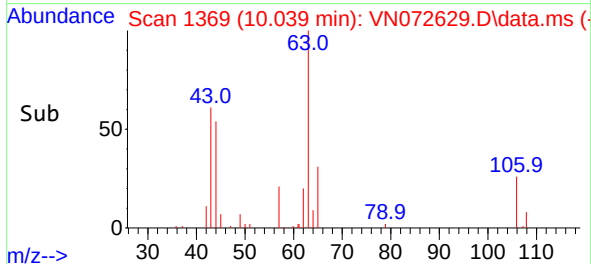
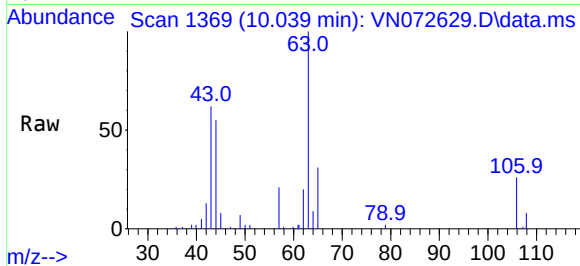
#55
2-Chloroethyl vinyl ether
Concen: 34.851 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 4225
Ion Ratio Lower Upper
63 100
65 31.9 25.4 38.0
106 26.2 23.2 34.8

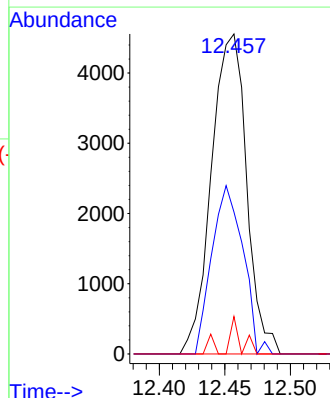
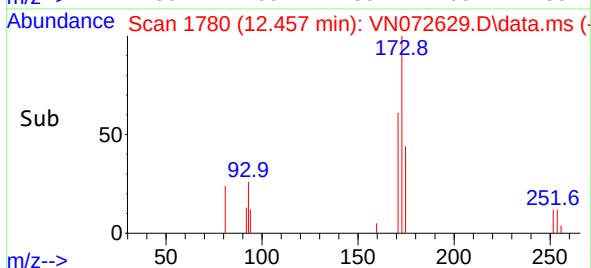
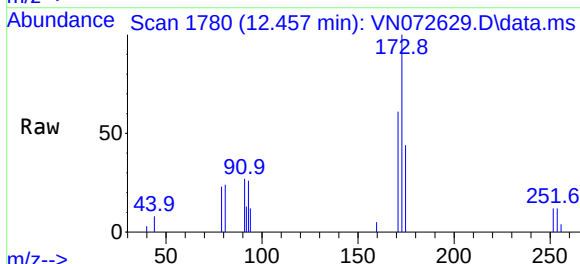
Manual Integrations
APPROVED

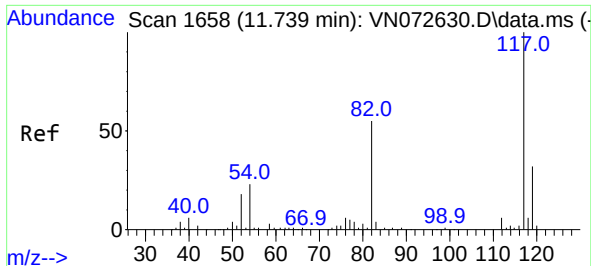
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#56
Bromoform
Concen: 3.641 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Tgt Ion:173 Resp: 8496
Ion Ratio Lower Upper
173 100
175 45.8 38.6 58.0
254 2.2 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: VN072629.D
Acq: 26 May 2022 14:20

Instrument :

MSVOA_N

ClientSampleId :

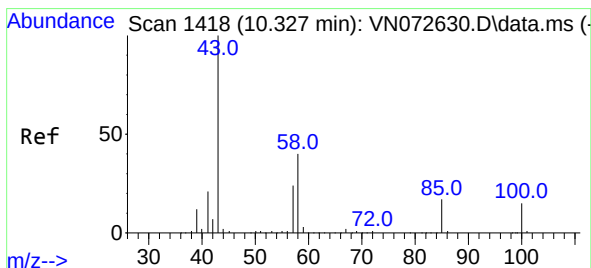
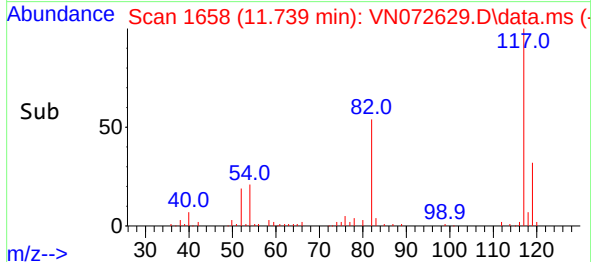
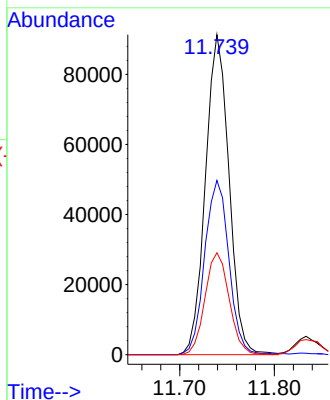
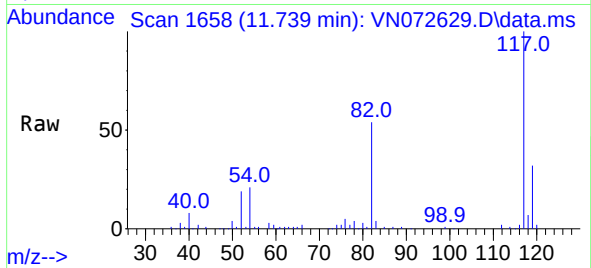
VSTDICC005

Tgt Ion:117 Resp: 15822
Ion Ratio Lower Upper
117 100
82 55.9 43.6 65.4
119 32.6 25.8 38.6

Manual Integrations

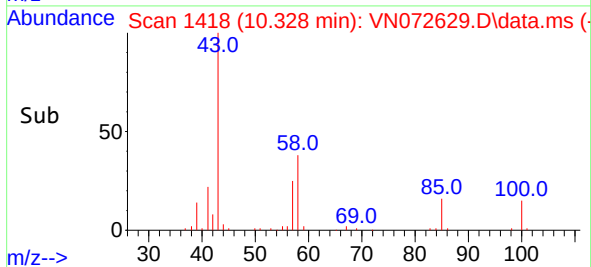
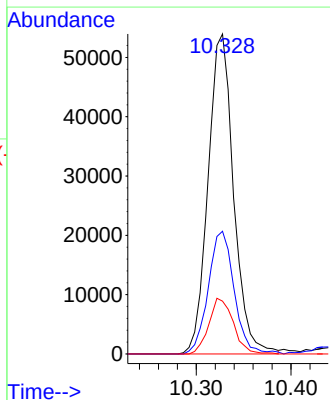
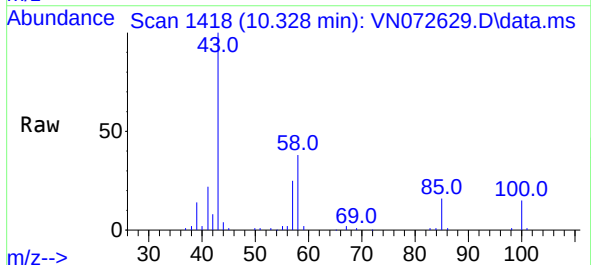
APPROVED

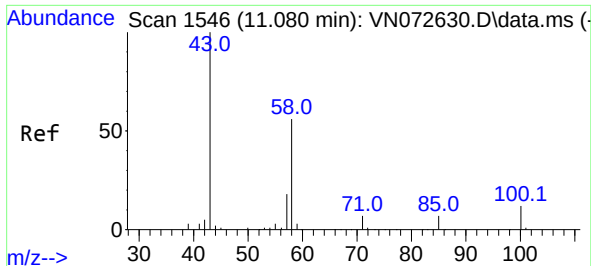
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#58
4-Methyl-2-Pentanone
Concen: 25.665 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Tgt Ion: 43 Resp: 100913
Ion Ratio Lower Upper
43 100
58 38.7 30.0 45.0
85 16.6 15.0 22.6





#59
2-Hexanone
Concen: 24.504 ug/l
RT: 11.081 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Instrument :

MSVOA_N

ClientSampleId :

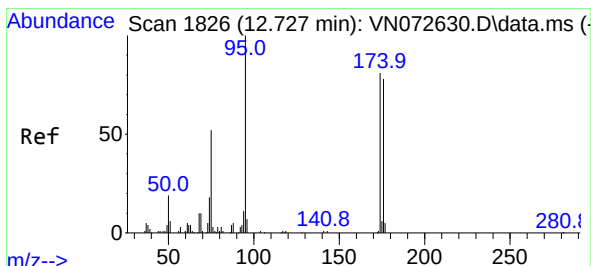
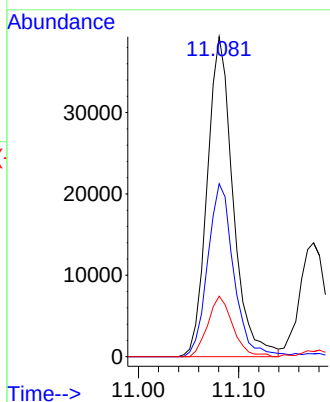
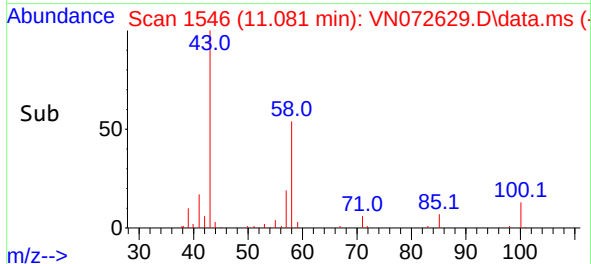
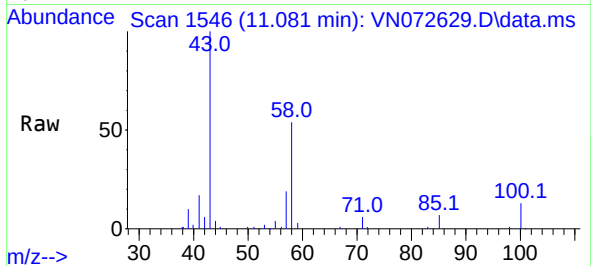
VSTDIC005

Tgt Ion: 43 Resp: 7031
Ion Ratio Lower Upper
43 100
58 54.5 42.2 63.2
57 17.9 15.0 22.4

Manual Integrations

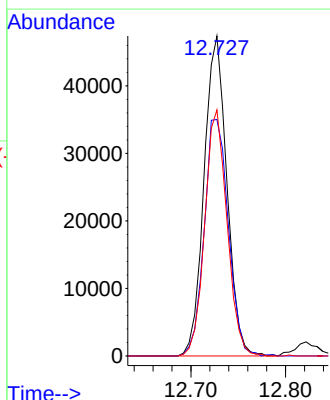
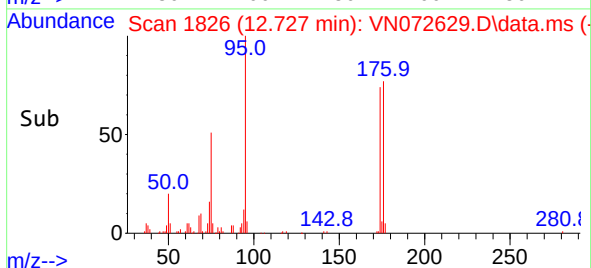
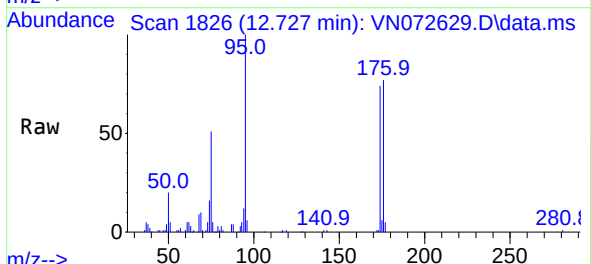
APPROVED

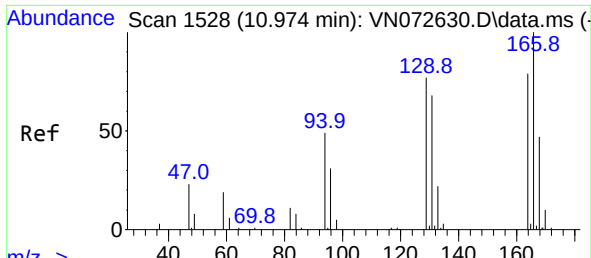
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#60
4-Bromofluorobenzene
Concen: 26.087 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Tgt Ion: 95 Resp: 79384
Ion Ratio Lower Upper
95 100
174 78.3 62.9 94.3
176 75.1 61.0 91.4





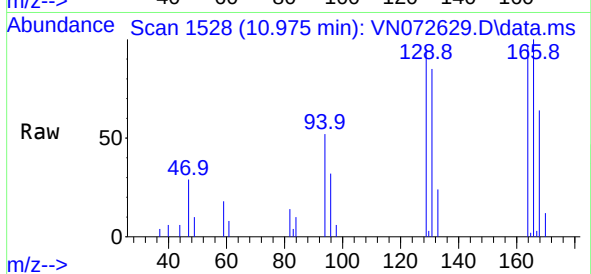
#61
Tetrachloroethene
Concen: 4.561 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



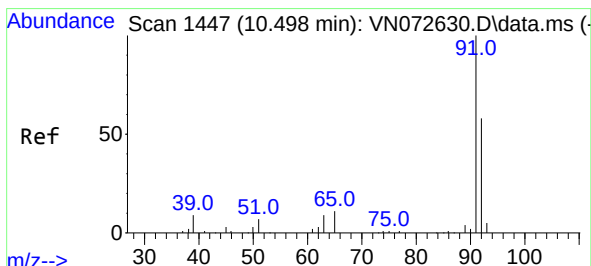
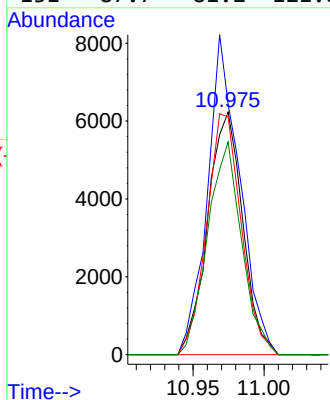
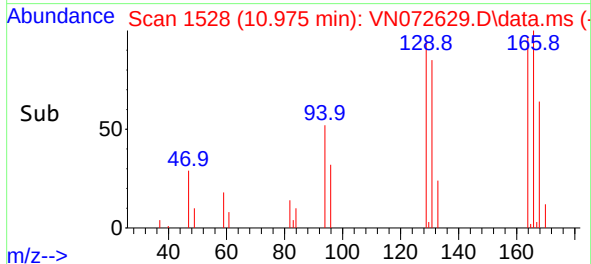
Tgt Ion:164 Resp: 10684
Ion Ratio Lower Upper
164 100
166 103.3 105.8 158.8
129 98.0 82.5 123.7
131 87.7 81.2 121.8

Manual Integrations

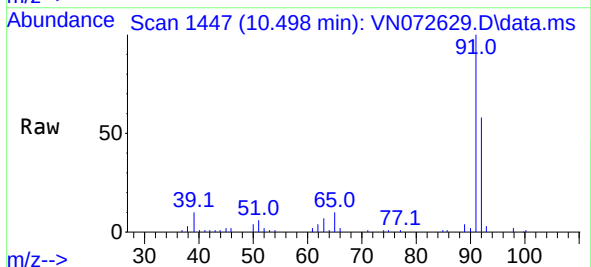
APPROVED

Reviewed By :John Carlone 05/27/2022

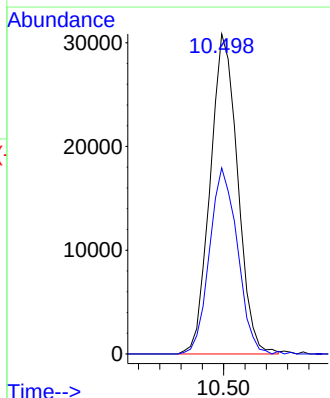
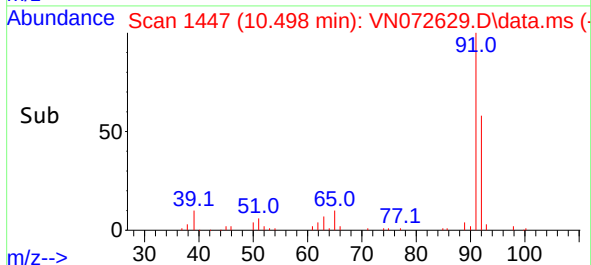
Supervised By :Mahesh Dadoda 05/27/2022

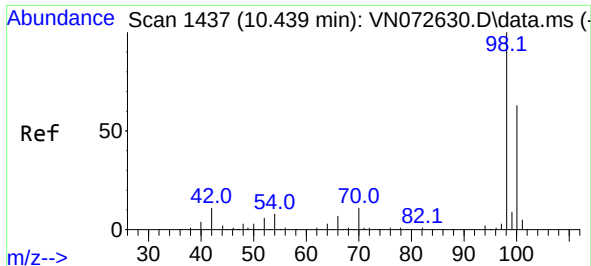


#62
Toluene
Concen: 5.031 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20



Tgt Ion: 91 Resp: 55171
Ion Ratio Lower Upper
91 100
92 59.0 44.6 67.0





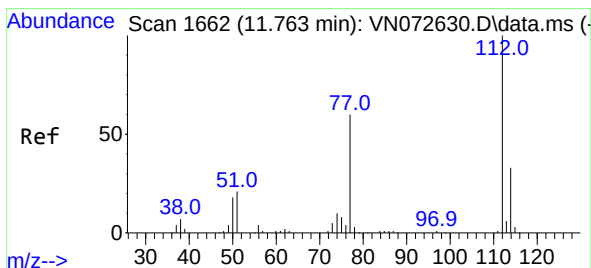
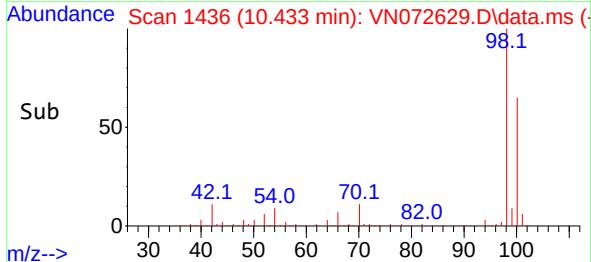
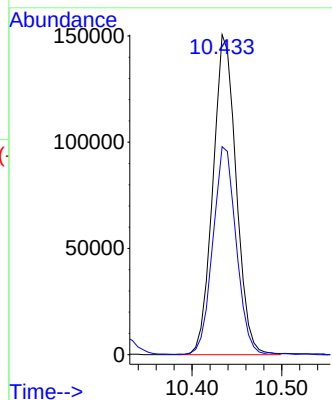
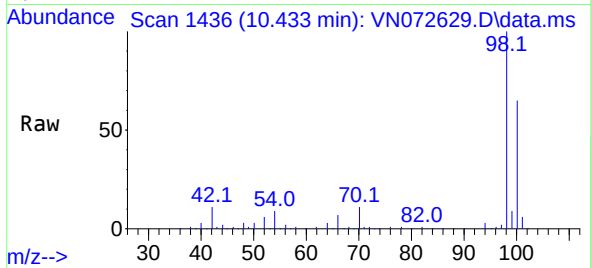
#63
Toluene-d8
Concen: 31.140 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. -0.006 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 98 Resp: 270899
Ion Ratio Lower Upper
98 100
100 64.8 50.6 76.0

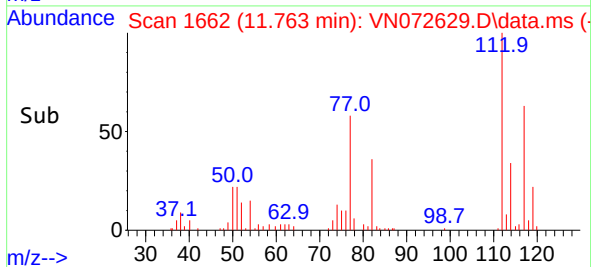
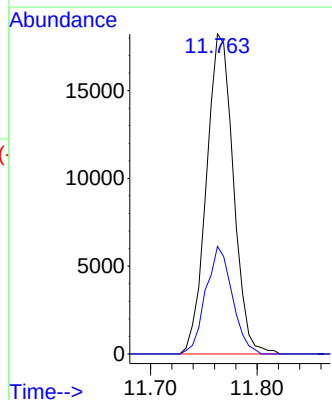
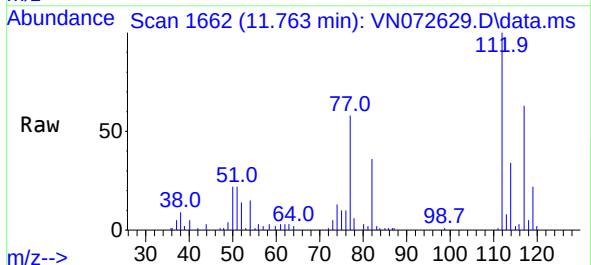
Manual Integrations
APPROVED

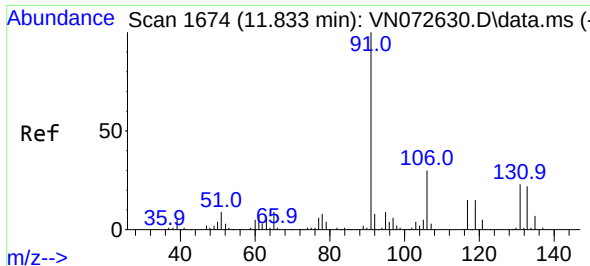
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#64
Chlorobenzene
Concen: 4.748 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Tgt Ion:112 Resp: 32022
Ion Ratio Lower Upper
112 100
114 33.6 25.8 38.6





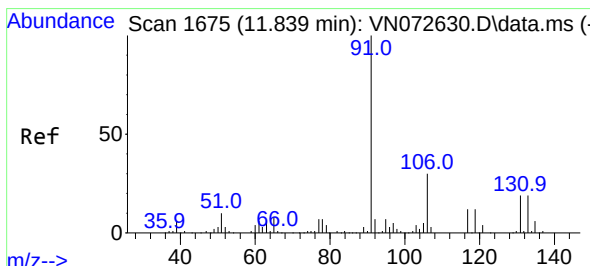
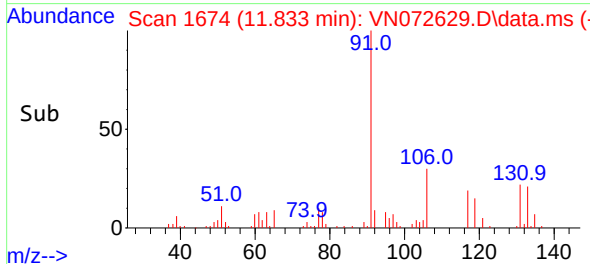
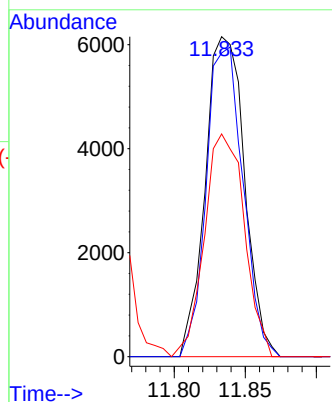
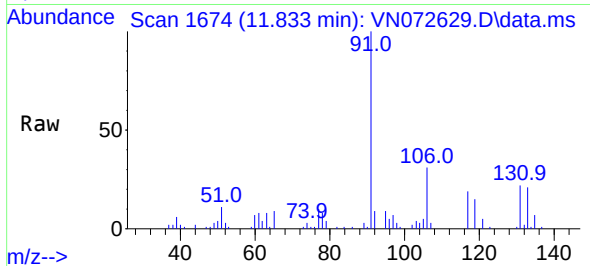
#65
1,1,1,2-Tetrachloroethane
Concen: 4.332 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:131 Resp: 1183
Ion Ratio Lower Upper
131 100
133 90.4 0.0 191.2
119 70.7 0.0 128.8

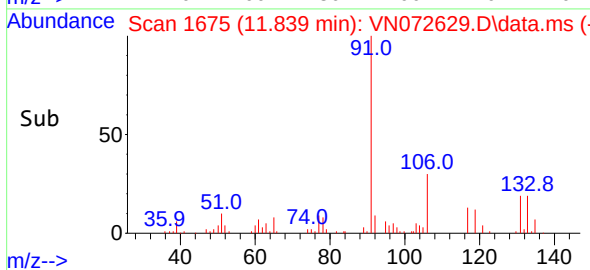
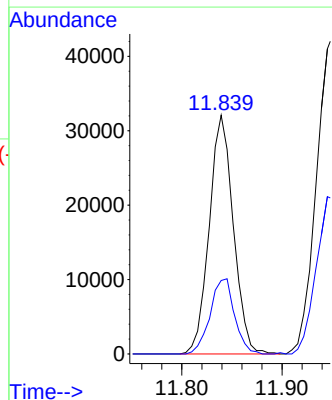
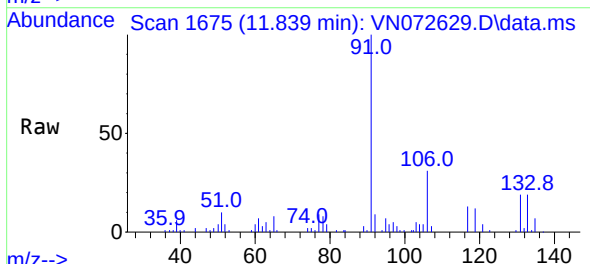
Manual Integrations
APPROVED

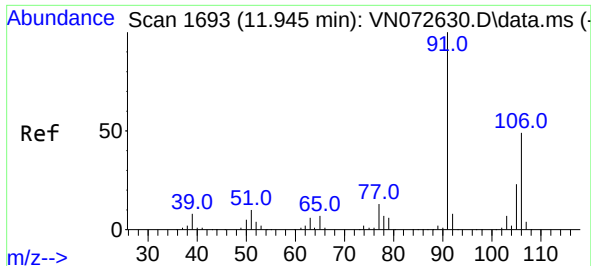
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#66
Ethyl Benzene
Concen: 4.411 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Tgt Ion: 91 Resp: 53614
Ion Ratio Lower Upper
91 100
106 30.8 24.0 36.0





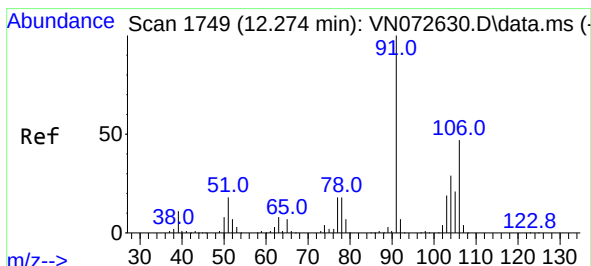
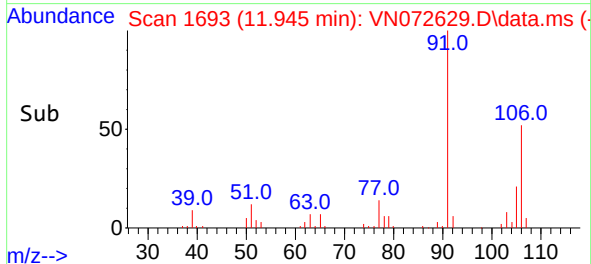
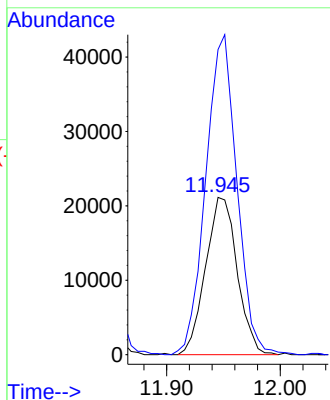
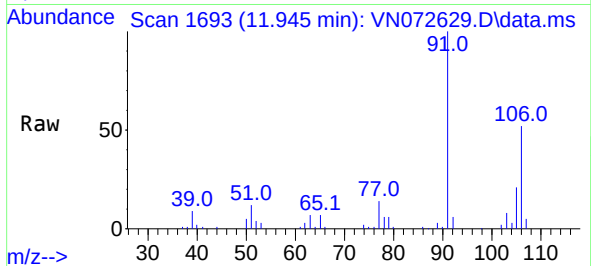
#67
m/p-Xylenes
Concen: 8.867 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 4085
Ion Ratio Lower Upper
106 100
91 200.1 162.9 244.3

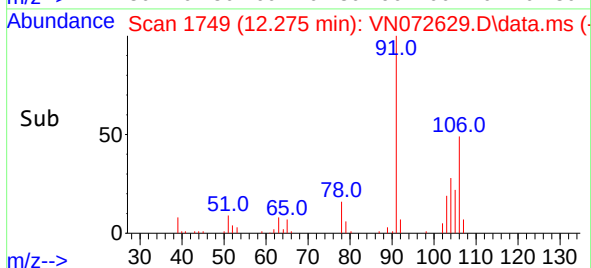
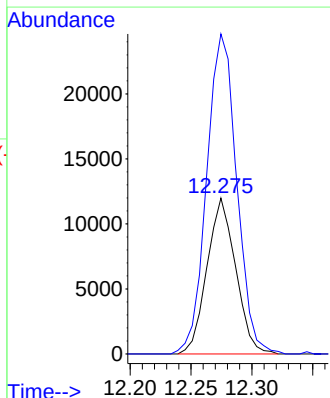
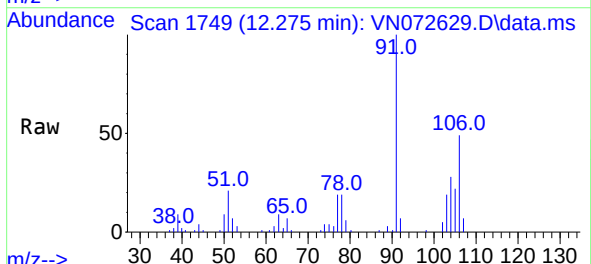
Manual Integrations
APPROVED

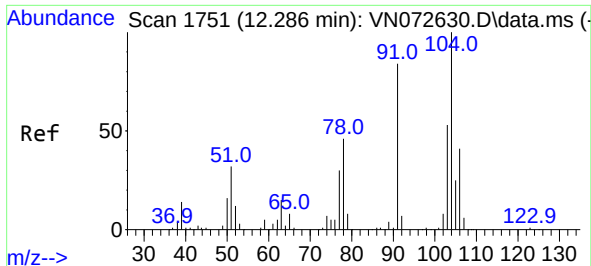
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#68
o-Xylene
Concen: 4.305 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Tgt Ion:106 Resp: 19646
Ion Ratio Lower Upper
106 100
91 215.2 107.7 323.1





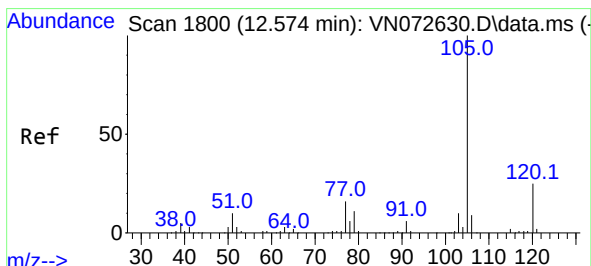
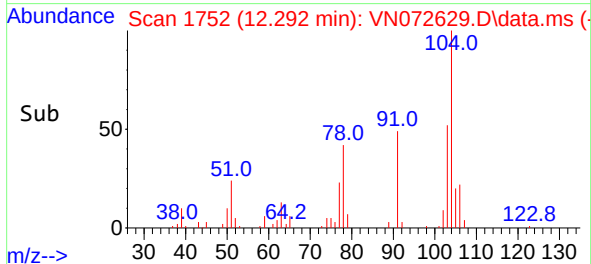
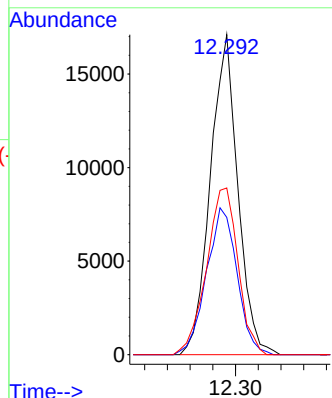
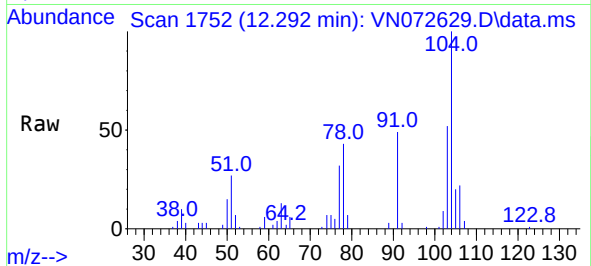
#69
Styrene
Concen: 3.973 ug/l
RT: 12.292 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:104 Resp: 28780
Ion Ratio Lower Upper
104 100
78 51.1 40.7 61.1
103 59.5 45.8 68.8

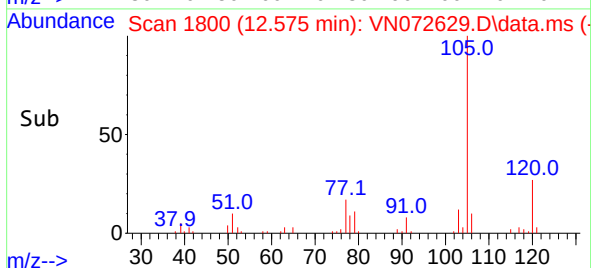
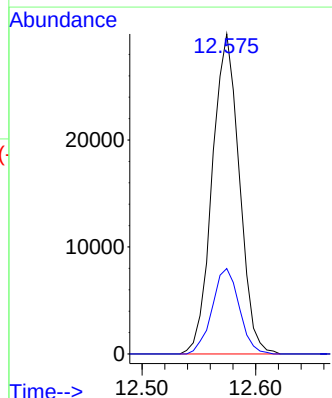
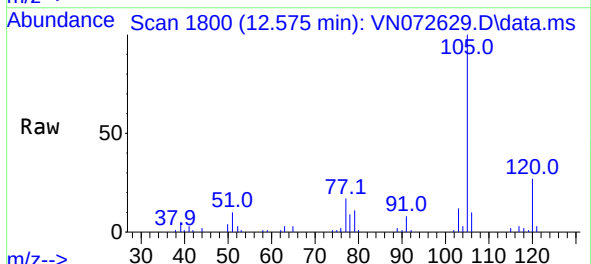
Manual Integrations
APPROVED

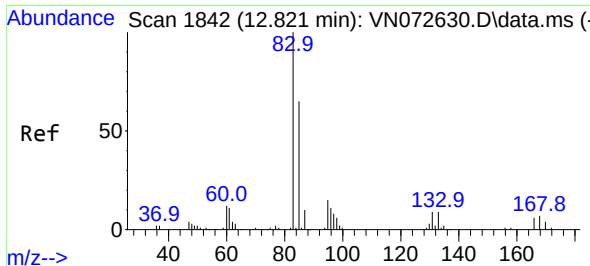
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#70
Isopropylbenzene
Concen: 4.122 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Tgt Ion:105 Resp: 49547
Ion Ratio Lower Upper
105 100
120 26.7 18.3 34.1





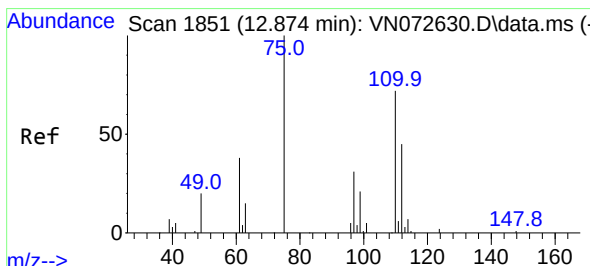
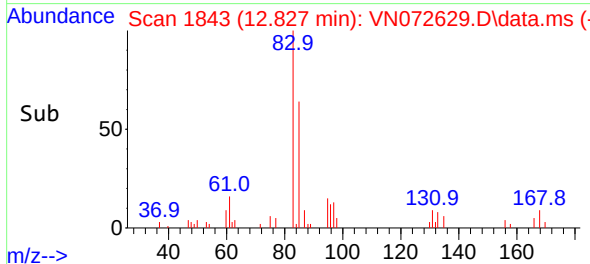
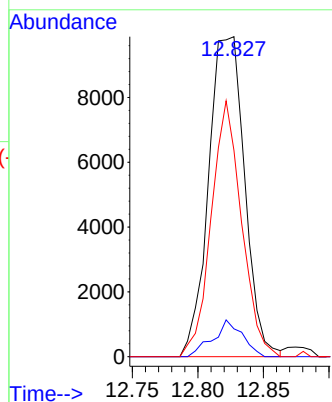
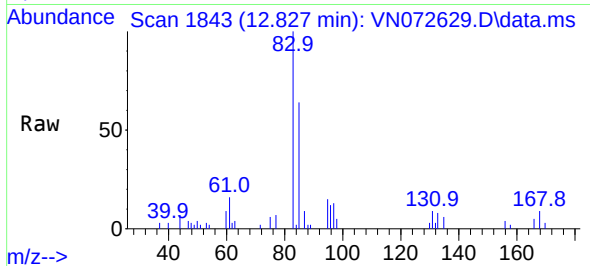
#71
1,1,2,2-Tetrachloroethane
Concen: 5.059 ug/l
RT: 12.827 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 1894
Ion Ratio Lower Upper
83 100
131 9.3 5.1 15.3
85 67.0 33.1 99.2

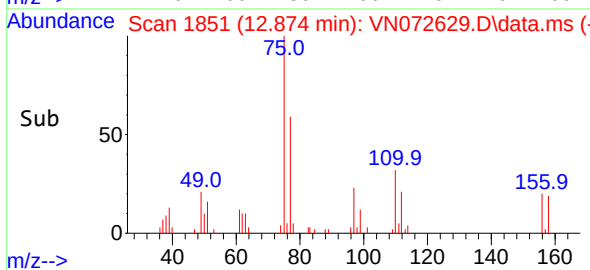
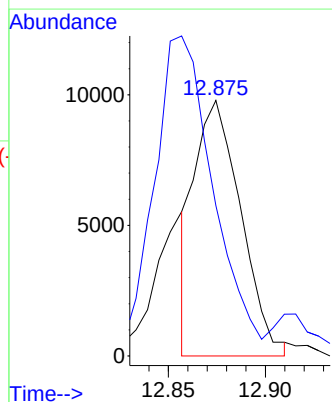
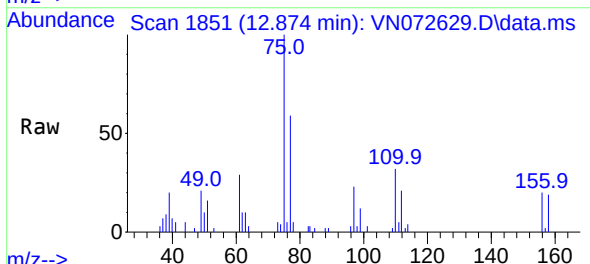
Manual Integrations
APPROVED

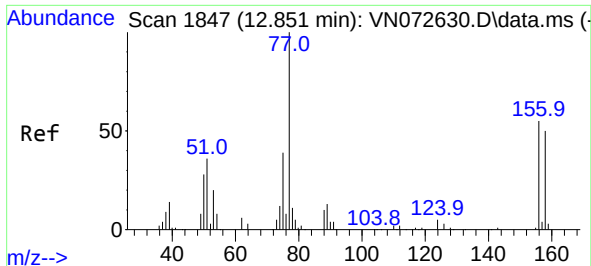
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#72
1,2,3-Trichloropropane
Concen: 4.705 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

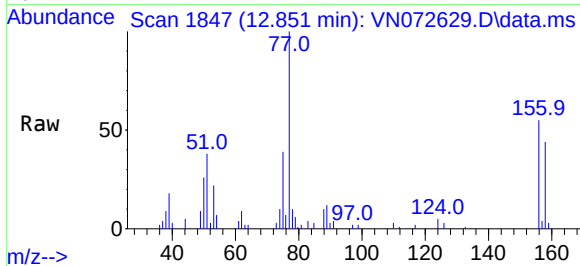
Tgt Ion: 75 Resp: 16203
Ion Ratio Lower Upper
75 100
77 160.6 0.0 378.0





#73
Bromobenzene
Concen: 4.213 ug/l
RT: 12.851 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

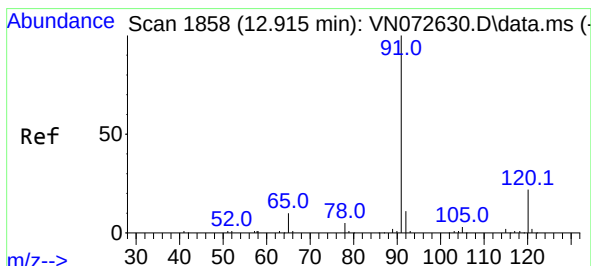
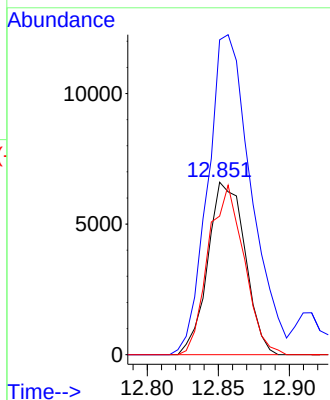
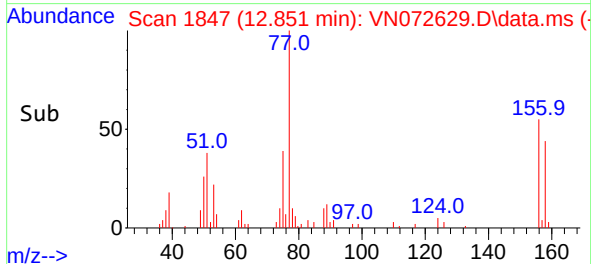
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



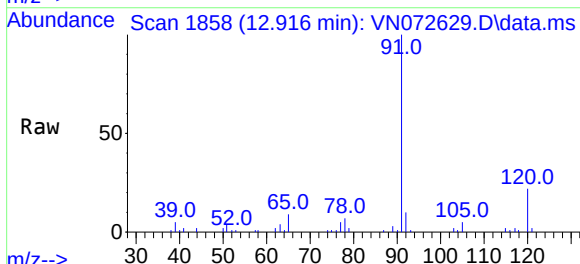
Tgt Ion:156 Resp: 12020
Ion Ratio Lower Upper
156 100
77 216.5 0.0 416.0
158 94.5 0.0 195.4

Manual Integrations
APPROVED

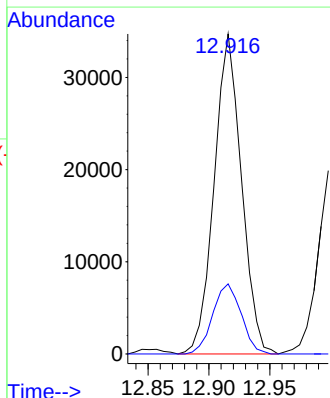
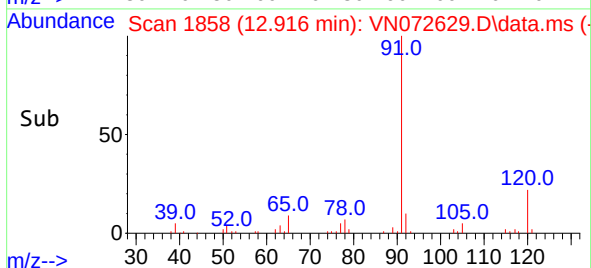
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

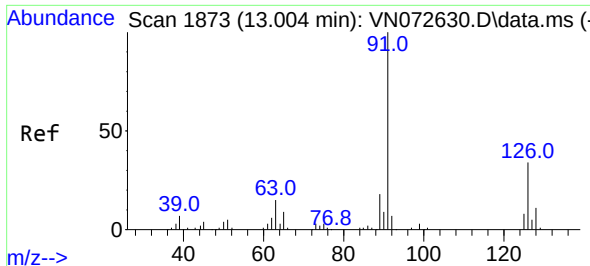


#74
n-propylbenzene
Concen: 4.078 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20



Tgt Ion: 91 Resp: 54044
Ion Ratio Lower Upper
91 100
120 22.8 0.0 45.0





#75
2-Chlorotoluene
Concen: 4.163 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Instrument :

MSVOA_N

ClientSampleId :

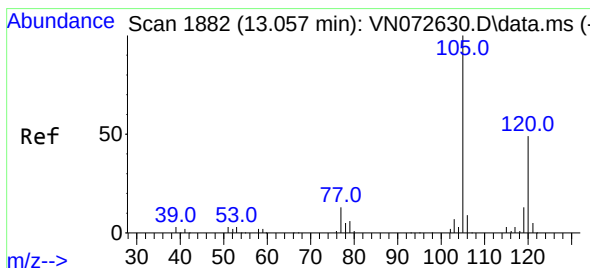
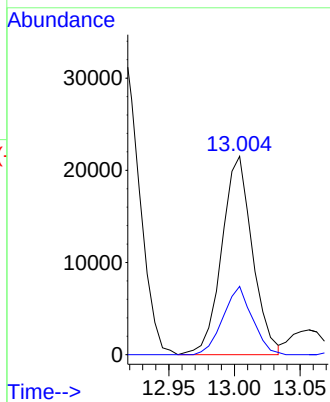
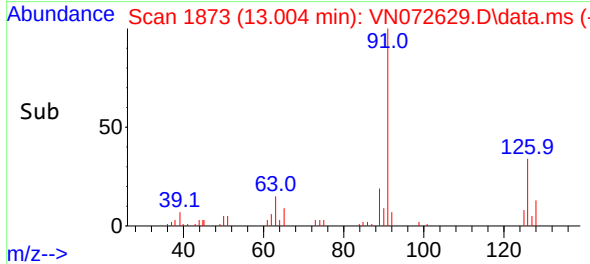
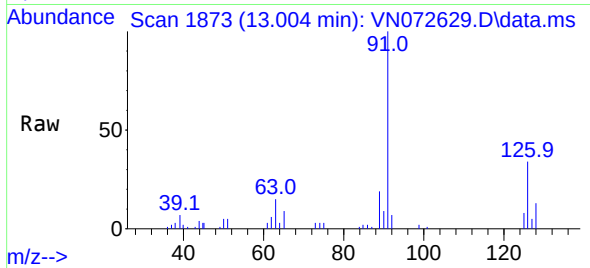
VSTDICC005

Tgt Ion: 91 Resp: 34919
Ion Ratio Lower Upper
91 100
126 32.9 0.0 69.8

Manual Integrations

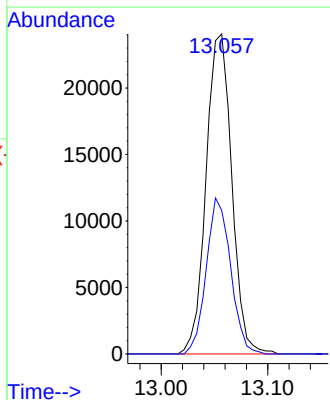
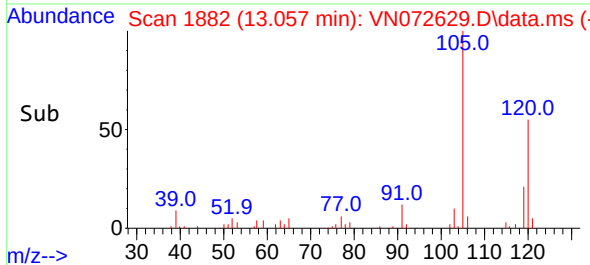
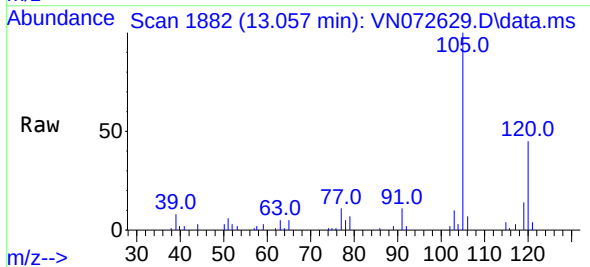
APPROVED

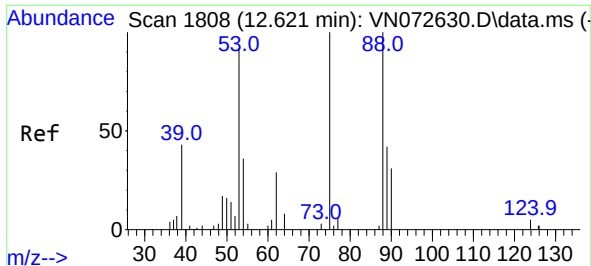
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#76
1,3,5-Trimethylbenzene
Concen: 3.994 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Tgt Ion:105 Resp: 40332
Ion Ratio Lower Upper
105 100
120 46.2 0.0 93.8





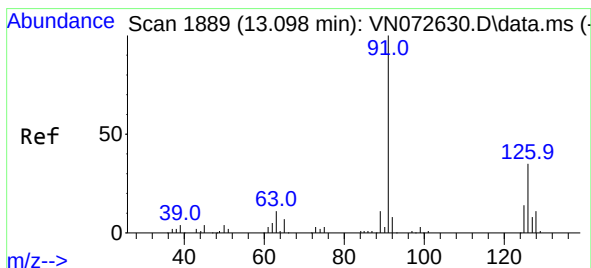
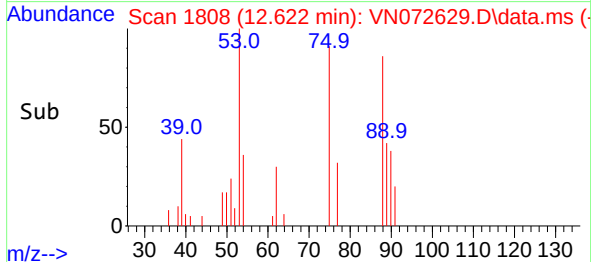
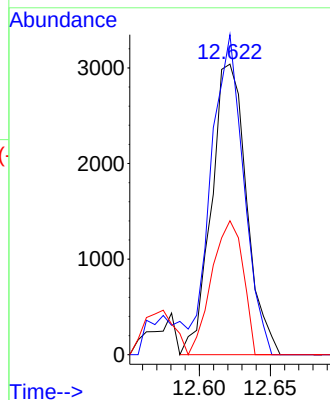
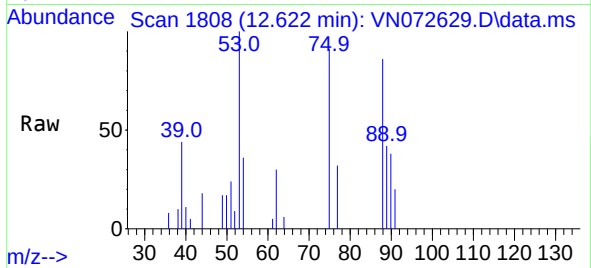
#77
t-1,4-Dichloro-2-butene
Concen: 4.387 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 5228
Ion Ratio Lower Upper
75 100
53 110.1 51.8 155.5
89 46.1 22.9 68.7

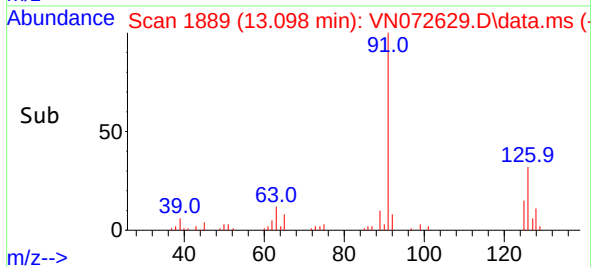
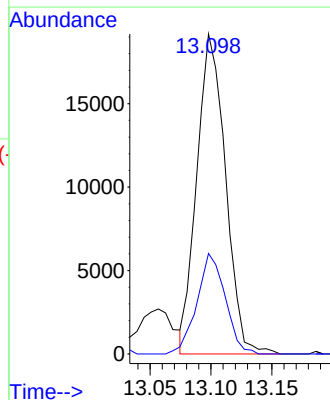
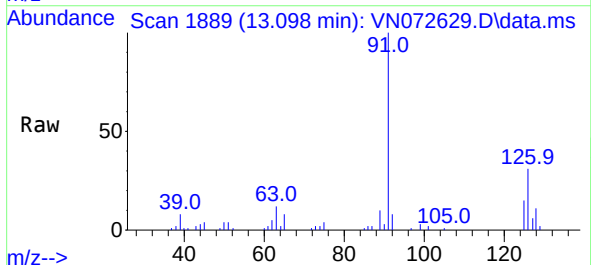
Manual Integrations
APPROVED

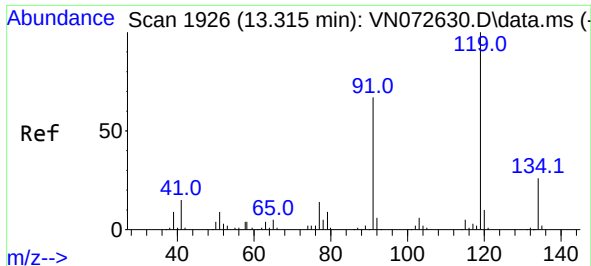
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#78
4-Chlorotoluene
Concen: 3.985 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Tgt Ion: 91 Resp: 31430
Ion Ratio Lower Upper
91 100
126 31.0 0.0 70.6





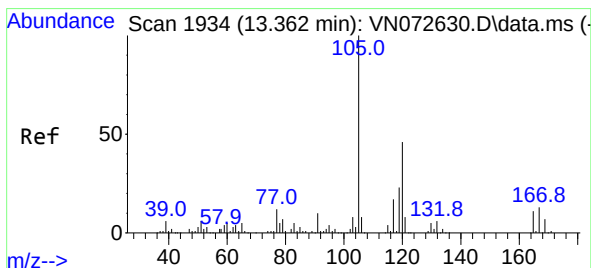
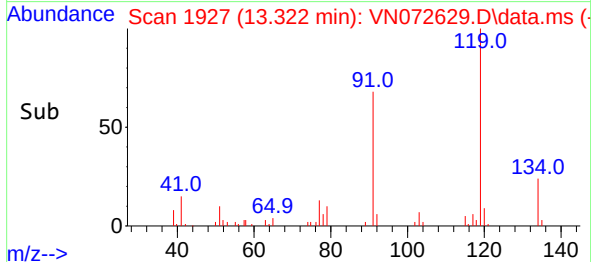
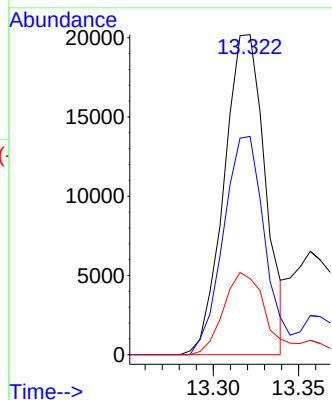
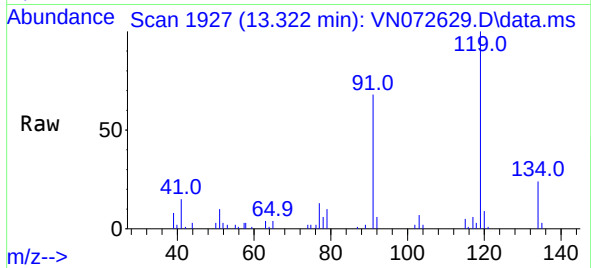
#79
tert-butylbenzene
Concen: 3.807 ug/l
RT: 13.322 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 3397
Ion Ratio Lower Upper
119 100
91 68.6 0.0 137.0
134 26.5 0.0 47.6

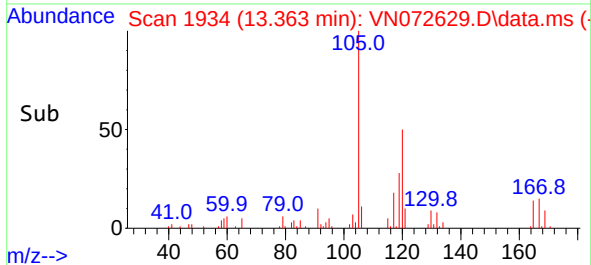
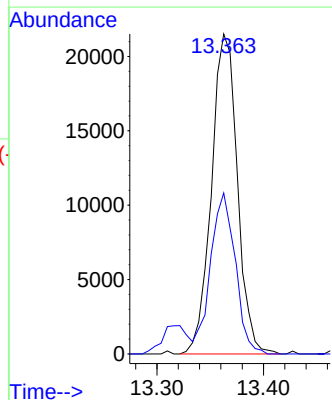
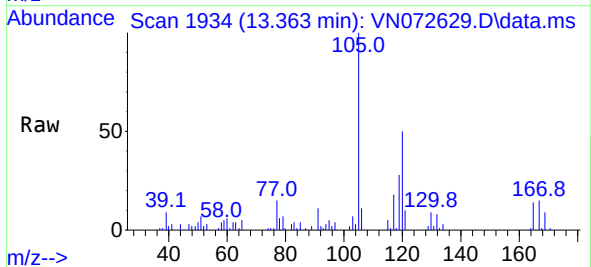
Manual Integrations
APPROVED

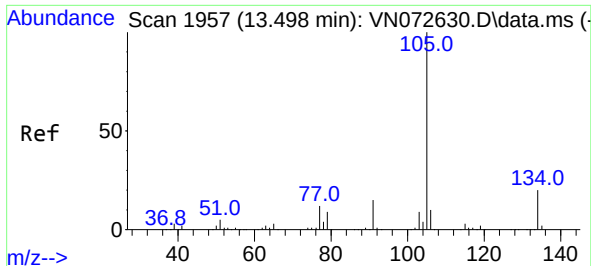
Reviewed By :John Carbone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#80
1,2,4-Trimethylbenzene
Concen: 3.725 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Tgt Ion:105 Resp: 36381
Ion Ratio Lower Upper
105 100
120 47.9 0.0 0.2#





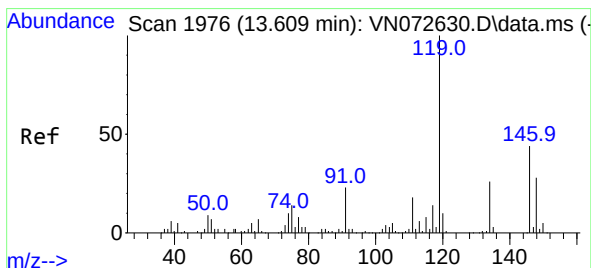
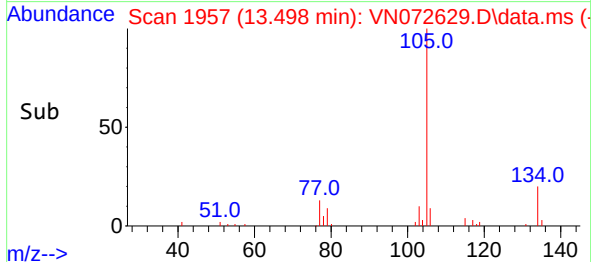
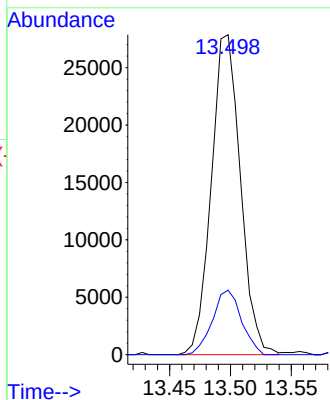
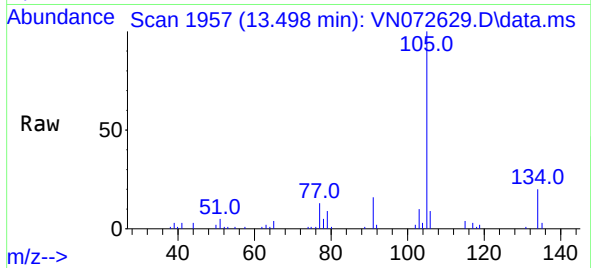
#81
 sec-Butylbenzene
 Concen: 3.888 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072629.D
 Acq: 26 May 2022 14:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 46360
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 39.4

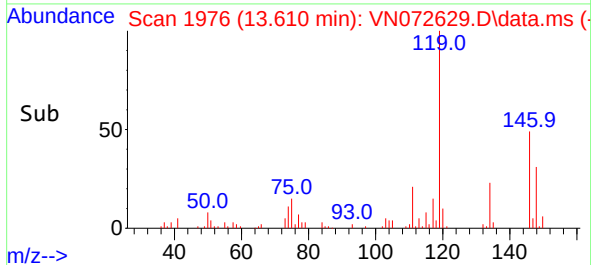
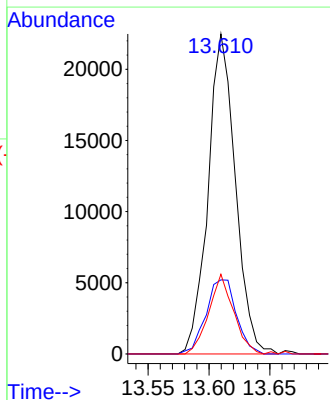
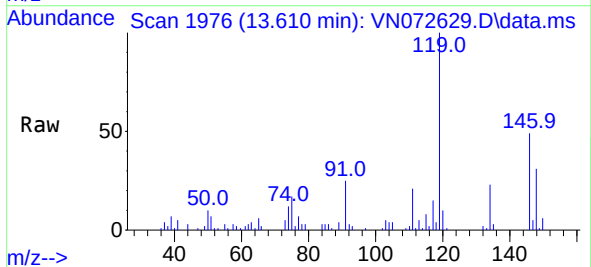
Manual Integrations
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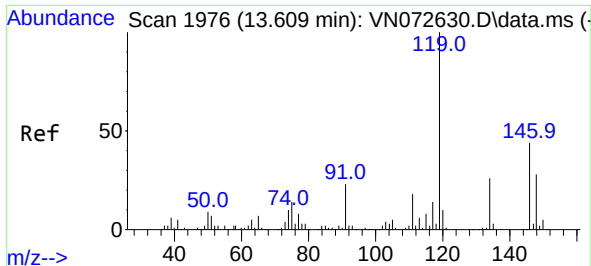
Reviewed By :John Carlone 05/27/2022
 Supervised By :Mahesh Dadoda 05/27/2022



#82
 p-Isopropyltoluene
 Concen: 3.603 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072629.D
 Acq: 26 May 2022 14:20

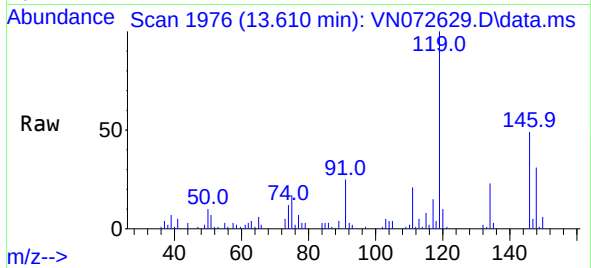
Tgt Ion:119 Resp: 35126
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 51.8
 91 22.5 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 3.926 ug/l
RT: 13.610 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

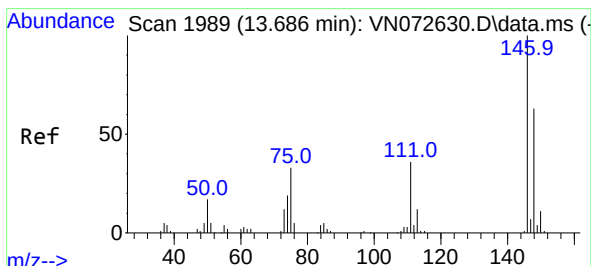
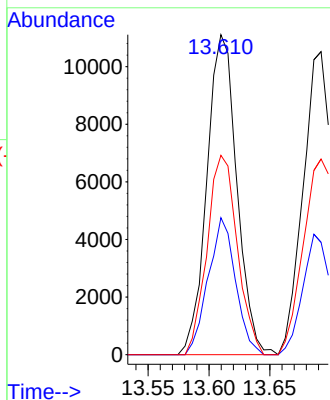
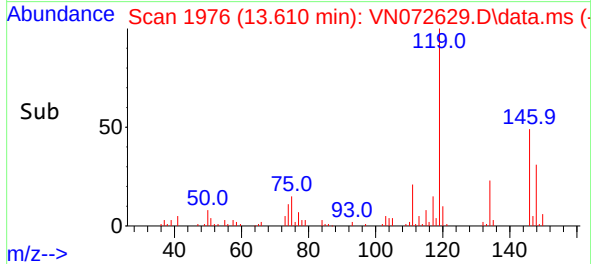
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



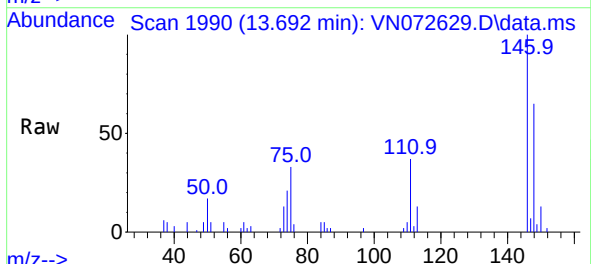
Tgt Ion:146 Resp: 1905
Ion Ratio Lower Upper
146 100
111 39.0 20.8 62.2
148 62.7 31.4 94.3

Manual Integrations
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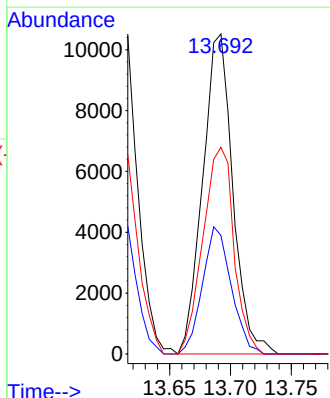
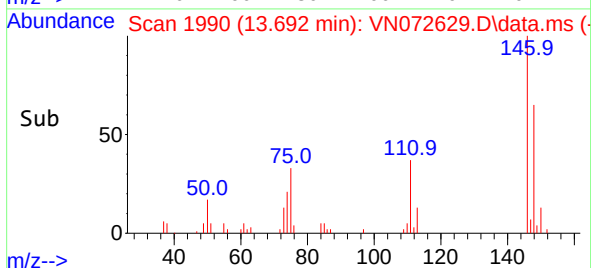
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

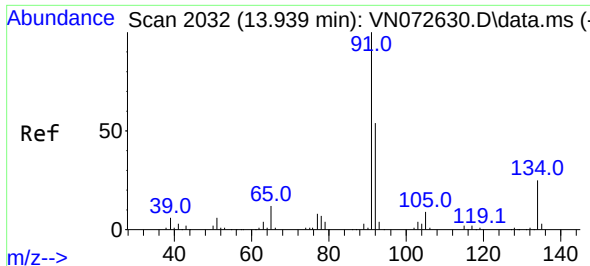


#84
1,4-Dichlorobenzene
Concen: 3.833 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20



Tgt Ion:146 Resp: 18113
Ion Ratio Lower Upper
146 100
111 37.9 19.5 58.5
148 66.3 31.1 93.5





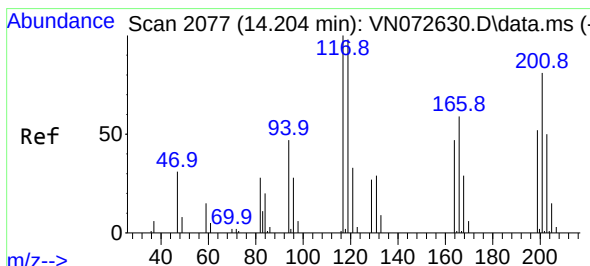
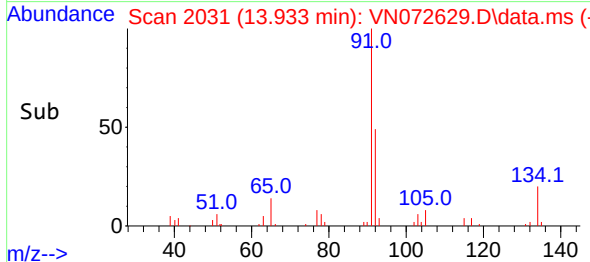
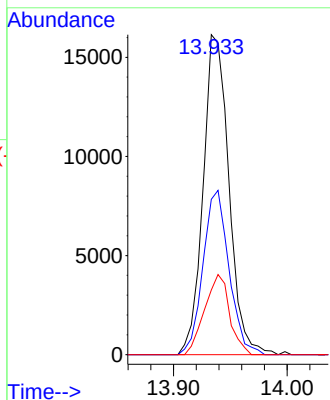
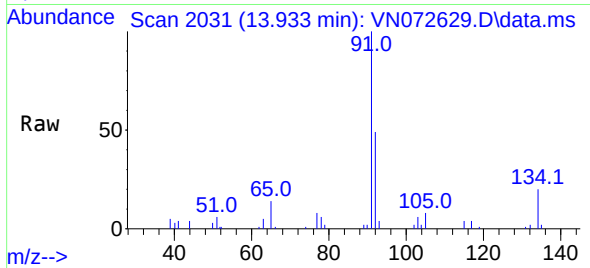
#85
n-Butylbenzene
Concen: 3.447 ug/l
RT: 13.933 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 25476
Ion Ratio Lower Upper
91 100
92 51.8 0.0 100.6
134 24.2 0.0 50.2

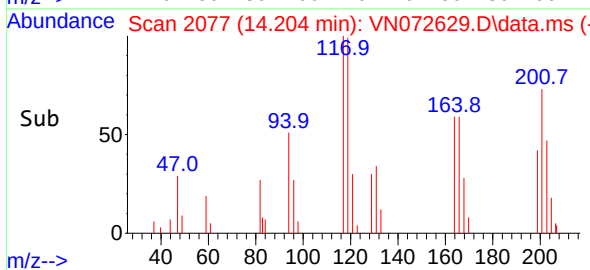
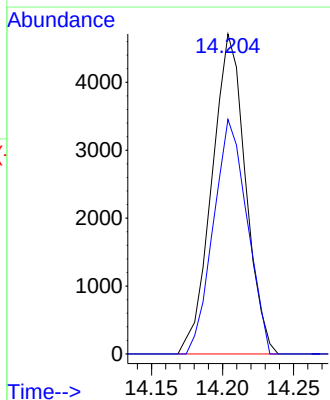
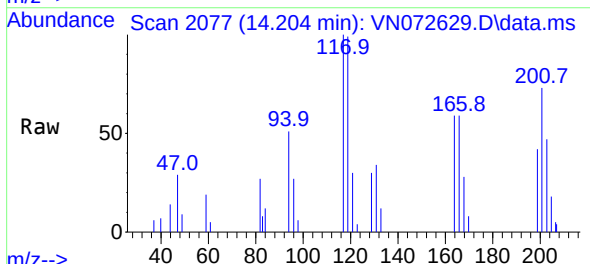
Manual Integrations
APPROVED

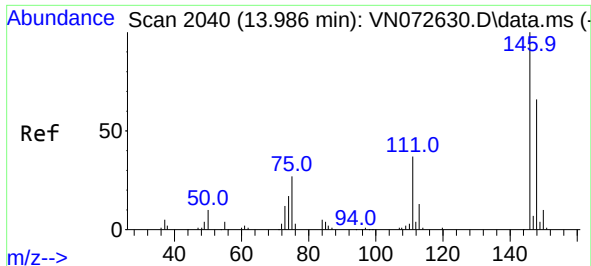
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#86
Hexachloroethane
Concen: 4.222 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

Tgt Ion:117 Resp: 7756
Ion Ratio Lower Upper
117 100
201 73.5 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 4.114 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VN072629.D

Acq: 26 May 2022 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:146 Resp: 1958

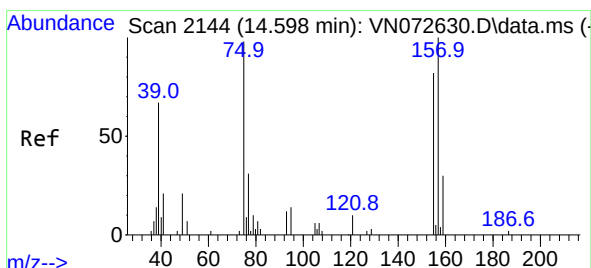
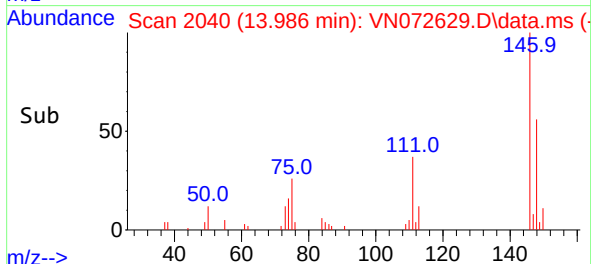
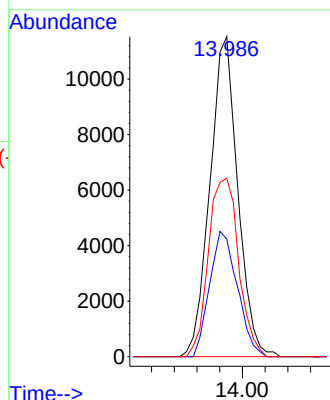
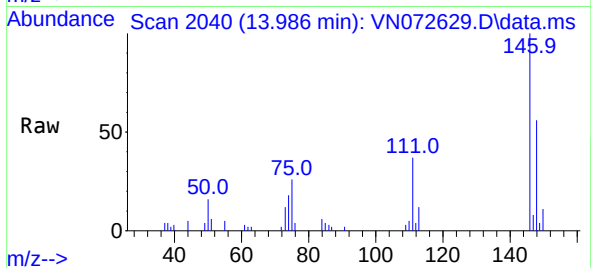
Ion	Ratio	Lower	Upper
146	100		
111	39.0	21.4	64.2
148	60.5	32.5	97.4

Manual Integrations

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Reviewed By :John Carlone 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 3.904 ug/l

RT: 14.598 min Scan# 2144

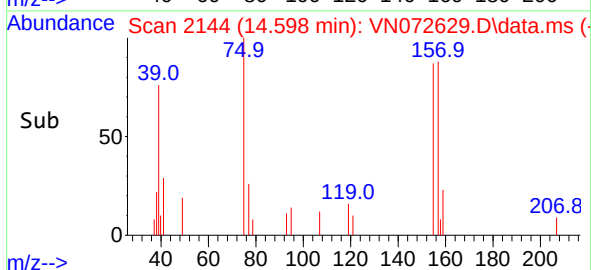
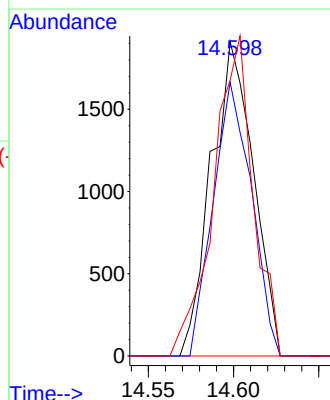
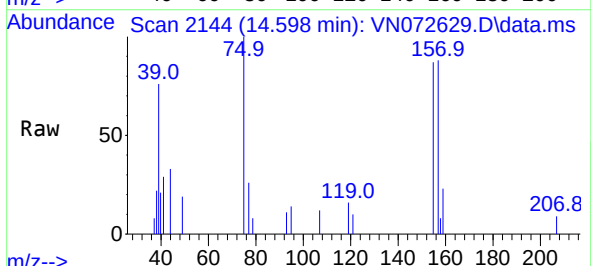
Delta R.T. 0.000 min

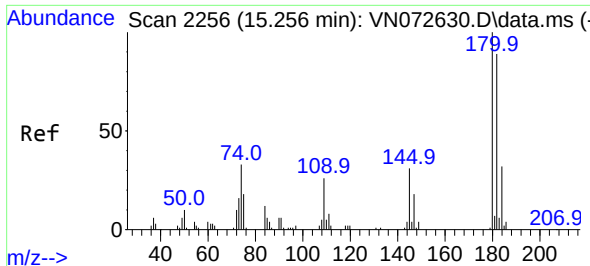
Lab File: VN072629.D

Acq: 26 May 2022 14:20

Tgt Ion: 75 Resp: 3291

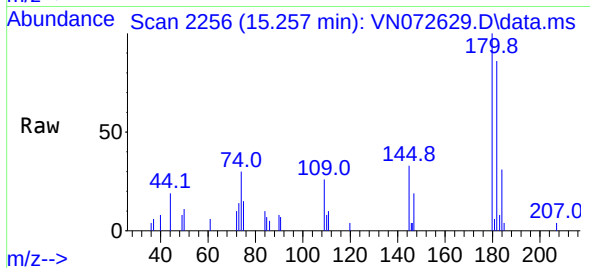
Ion	Ratio	Lower	Upper
75	100		
155	79.3	63.8	95.8
157	95.0	77.9	116.9





#89
1,2,4-Trichlorobenzene
Concen: 3.400 ug/l
RT: 15.257 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

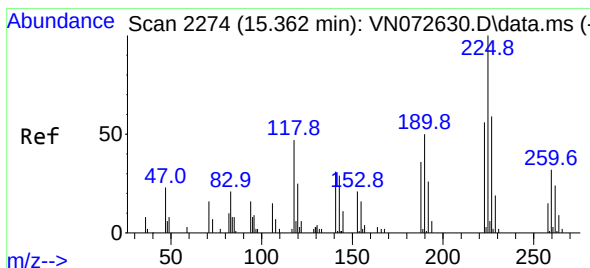
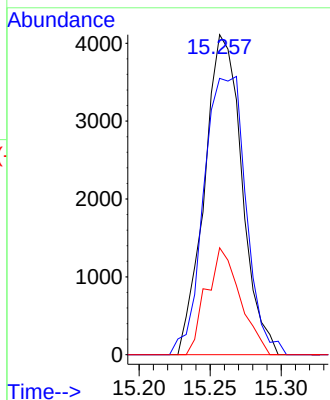
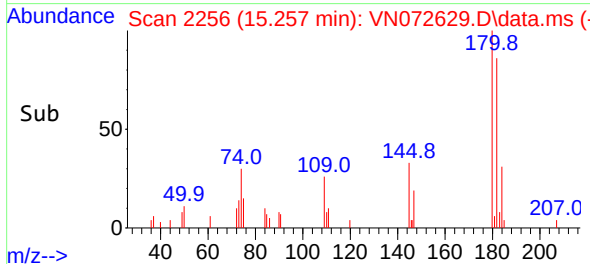
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



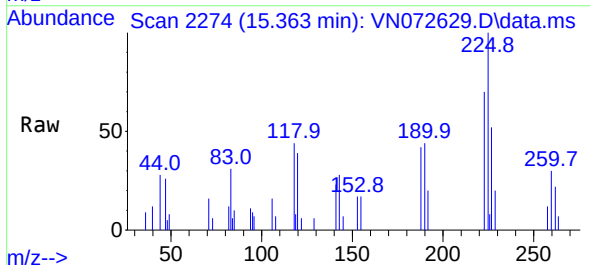
Tgt Ion:180 Resp: 754
Ion Ratio Lower Upper
180 100
182 97.6 77.7 116.5
145 30.0 26.6 39.8

Manual Integrations
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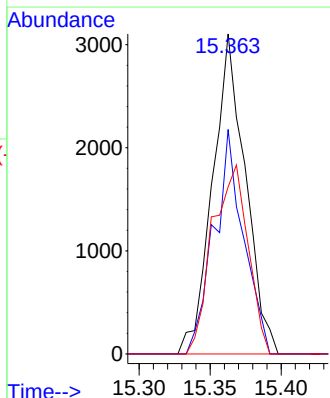
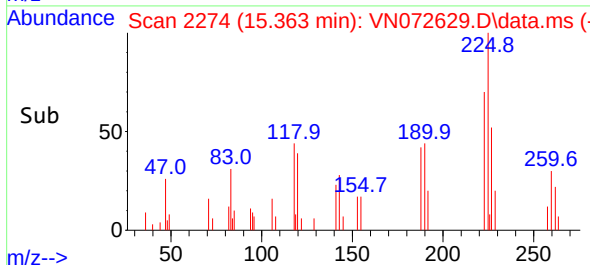
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

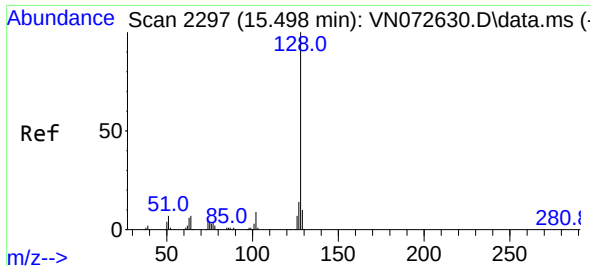


#90
Hexachlorobutadiene
Concen: 3.838 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20



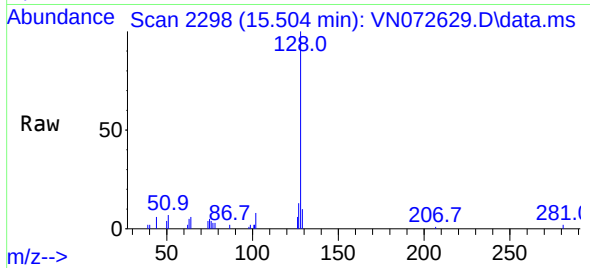
Tgt Ion:225 Resp: 4988
Ion Ratio Lower Upper
225 100
223 63.1 0.0 126.8
227 64.1 0.0 123.0





#91
Naphthalene
Concen: 3.047 ug/l
RT: 15.504 min Scan# 2297
Delta R.T. 0.006 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20

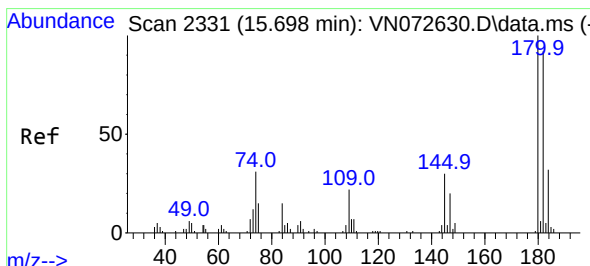
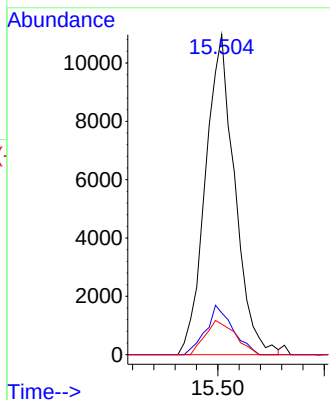
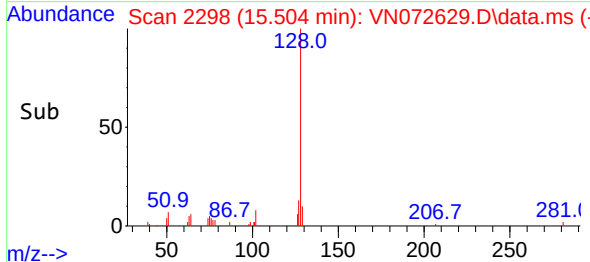
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



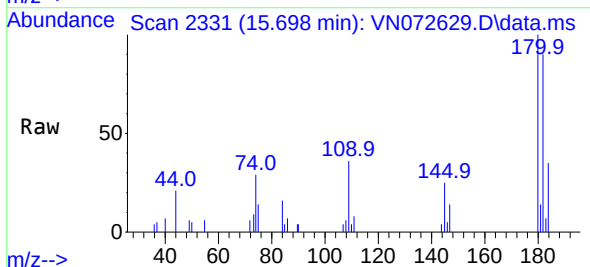
Tgt Ion:128 Resp: 20978
Ion Ratio Lower Upper
128 100
127 14.2 10.7 16.1
129 10.9 9.0 13.6

Manual Integrations
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Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#92
1,2,3-Trichlorobenzene
Concen: 3.596 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN072629.D
Acq: 26 May 2022 14:20



Tgt Ion:180 Resp: 8100
Ion Ratio Lower Upper
180 100
182 94.5 0.0 190.0
145 26.8 0.0 67.8

